PRONTOR

INSTRUCTIONS FOR REPAIRING PRONTOR- PHOTOGRAPHIC SHUTTERS

PRONTOR-WERK ALFRED GAUTHIER GMBH · 7543 CALMBACH (GERMANY)

INSTRUCTIONS ON HOW TO REPAIR
THE GAUTHIER LINE OF CAMERA SHUTTERS
"PRONTOR-S" , "PRONTO" AND "VARIO"

GENERAL

The present manual of "Instructions in how to repair the GAUTHIER line of Camera Shutters" has been prepared for a number of reasons: - While it is fully justified to require the modern between-the-lens shutters to offer maximum versatility, the space available for the accomodation of the shutter mechanisms in its case is extremely limited. For this reason it is evident that such a requirement could only be fulfilled by a mechanism in which every possible avenue towards miniaturization has been fully exploited. This is certainly true of the Model 00 "Prontor-S" which features an additional built-in delayed action device. From this one can easily understand that such shutters must require a certain amount of care in handling, not only externally, i.e. during the assembly of the optical system, during mounting on the camera and by the user of the camera when he is taking his pictures, but also during all repair work on the mechanism. Improperly executed repair work is very apt to result in permanent malfunctioning of the shutter. In the interest of the shutter and camera manufacturers it is, therefore, of great importance to have all repair work exclusively performed by competent, highly skilled workers.

With such an intricate mechanism as contained in the "Prontor-S" shutter it is vital to observe a number of important rules in order to guard against any mechanical trouble and to insure perfect functioning of the shutter at all times. It is for this reason that this manual deals in detail as much as possible causes of trouble and the proper corrective measures to be taken in each case. In addition, there are included certain types of trouble brought about by extraneous causes such as the accumulation of dirt in the mechanism etc. Attention is, however, invited to the fact that such malfunctioning is in no case caused by faulty manufacture of the parts but that trouble is exclusively caused

by secondary factors. All defects in workmanship and material are eliminated by a rigid inspection system which requires each individual shutter, before leaving the factory, to pass a number of tests in which each of its functions are thoroughly checked.

FOR READY REFERENCE:

1. Cocking Mechanism
2. Release Mechanism
3. Escapement Mechanism
4. Delayed Action Device
5. Shutter Blade Mechanism
6. Diaphragm Mechanism
7. Flash Firing Mechanism
8. Time Setting Mechanism

NOTE THE FOLLOWING:

A. SPARE PARTS — Whenever it should be necessary, when repairing a GAUTHIER camera shutter, to replace any component parts, it is necessary under all circumstances to use only original GAUTHIER spare parts. Using the Shutter Spare Parts Lists, such parts can be easily and promptly obtained from GAUTHIER. Added to these Instructions is one complete set of Spare Parts Lists. Additional copies will be sent upon request.

B. OIL — Under no circumstances oil should be used in the entire shutter mechanism. Even the slightest traces of oil, regardless on which part they may occur, will soon cause malfunctioning of the shutter.

C. GREASE

(a) To insure proper diaphragm operation only a very thin of special grease is used. It is urgently advised not to add any grease in the event repair work has to be performed on the diaphragm assembly. The component parts of this assembly should always be assembled without using any grease or oil.

(b) In order to provide for smooth movement of the speed setting ring, an extremely thin film of the finest quality grease should be applied on the friction area between the speed setting ring and the shutter housing. However, extreme care should be exercised to insure that only the slightest possible trace

C. GREASE, cont. of finest quality grease is used; otherwise such an excess grease might find its way into the interior of the shutter housing, this condition being likely and caused malfunctioning of the shutter mechanism.

D. DISMANTLING THE SHUTTER Both the SHUTTER HOUSING and the BASE PLATE ASSEMBLY should be dismantled only in cases where it is necessary to repair the shutter blade mechanism or the diaphragm blade assembly.

Special attention should be given to paragraphs B. and C., as these rules are frequently neglected, and resulting in additional shutter trouble.

The presence of oil or grease on the shutter blades will invariably cause shutter failure. - Should traces of oil or grease be found on the shutter blades, refer to the section titled "Shutter Blade Mechanism" in the manual and carefully follow the blade cleaning instructions; failure comply with these instructions will only result in inaccurate shutter speeds and often permit stray light to enter the camera with the shutter blades not fully closed.

Included with this manual there will be found a complete list of the most common types of troubles resulting from causes already mentioned.

When referring to these Instruction, please bear in mind the following points:

(a) In accordance with the above-mentioned classification of the causes of trouble, the item "Shutter fails to operate" is dealt with in the three sections titled "Cocking Mechanism", "Escapement Mechanism" and "Shutter Blade Mechanism". For details, see these sections.

(b) In certain cases, Size 0 shutters have to be handled in a different way from Size 00 shutters. Special attention is invited to this fact.

(c) Part names and part numbers as used in the Instructions agree with part names and numbers found in the Spare Parts Lists.

1. COCKING MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) During cocking, cocking lever jumps back to original position, shutter will not cock.	Lug L of inner release lever fails to engage edge K of cocking lever. 0257-U 98 Inner Release Lever 0257-U 101 Cocking Lever 0257-146 Exterior Release Lever Screw	Correct position of lug L by bending to ensure proper engagement of inner release lever.
(2) Upon the cocked shutter being released, the cocking lever fails to return. - Consequence: Shutter fails to operate (see also "Escapement Mechanism", Item 1, and "Shutter Blade Mechanism", Item 1).	Plane of movement of driver Tr is not vertical in relation to longitudinal axis of shutter.	Use tweezers to correct position of driver Tr.
(3) Cocking the shutter requires excessive effort, too stiff or binding.	Individual coils of driving spring located beneath cocking lever, along exterior release lever screw 0257-146, are out of alignment.	Correct position of spring coils or install new spring.

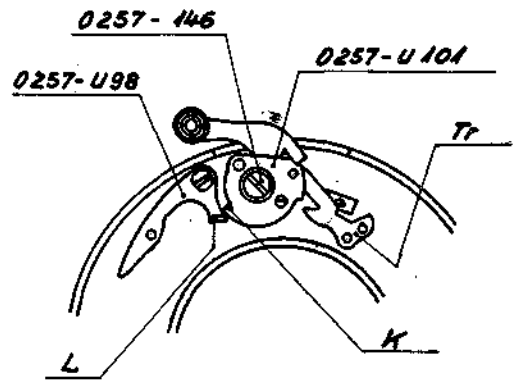
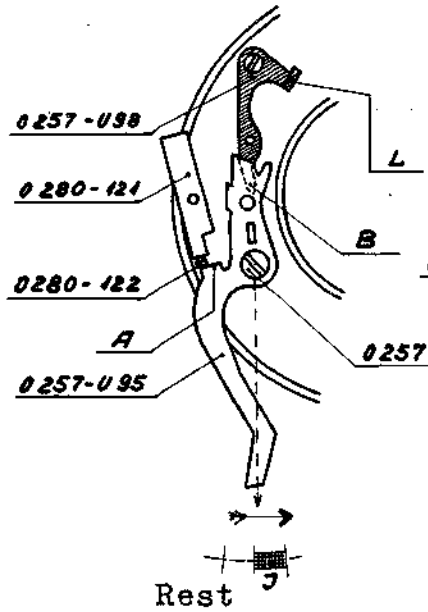


Fig. 1
(Size 0 Shutter)

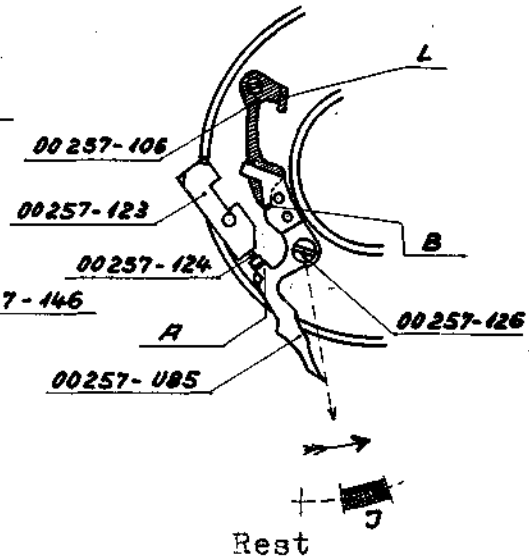
2. RELEASE MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) Shutter fails to be released within range J of movement of exterior release lever prescribed for camera.		Correct position of arm B of inner release lever by bending.



Rest Position

Fig. 2a
(Size 0 Shutter)



Rest Position

Fig. 2b
(Size 00 Shutter)

0257-U98) 00257-106)	Inner Release Lever
0280-121) 00257-123)	Release Tube
0257-122) 00257-124)	Release Pin
0257-U95) 00257-U85)	Exterior Release Lever
0257-146) 00257-126)	Exterior Release Lever Screw

(2) Releasing the shutter requires excessive effort, i.e. release works too hard. Shutter releasing stiff or binding.	(a) Improper bending of lug L of inner release lever (see "Cocking Mechanism", Item 1) has changed radial position of lug L.	(a) Install new inner release lever.
	(b) Individual coils of driving spring located beneath exterior release lever along exterior release lever screw are out of alignment.	(b) Correct position of spring coils or install new spring.

TROUBLE	CAUSE	CORRECTION
(3) With uncocked shutter, exterior release lever is not locked in position.	(a) Lug A on exterior release lever extending vertically in relation to drawing plane of Figs. 2 & 3 includes an angle with the drawing plane which is noticeably different from 90°.	(a) Correct position of lug A by bending.

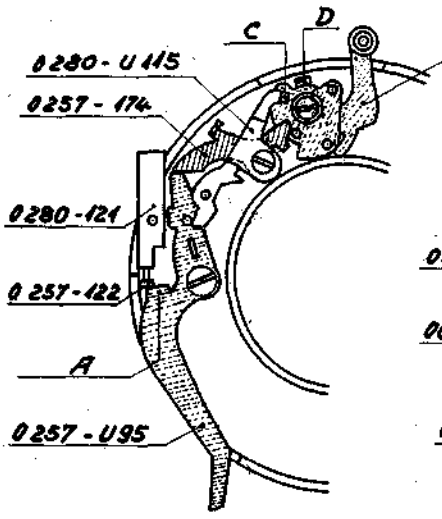


Fig. 3a
(Size 0 Shutter)

0257-U95) Exterior
00257-U85) Release Lever

0280-121) Release
00257-123) Tube

0257-122) Release
00257-124) Pin

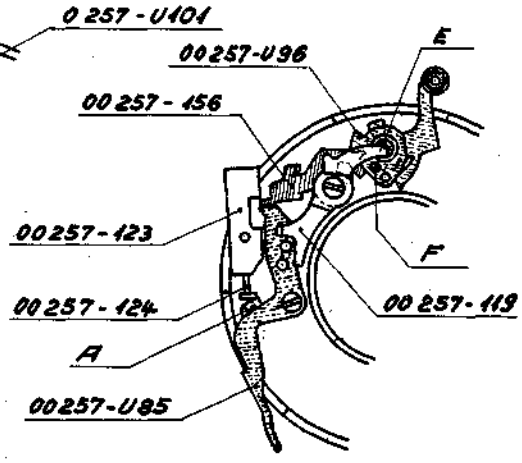


Fig. 3b
(Size 00 Shutter)

0257-U101) Cocking
00257-U 96) Lever

0257-174) Locking
00257-156) Lever

0280-U115) Time
00257- 119) Lever

(b) Relative movement of time lever and locking lever impeded by excessive friction.	(b) 1. Use tweezers to correct play of time lever and locking lever. 2. If trouble is caused by rust or oxidation, install new levers.

TROUBLE	CAUSE	CORRECTION
(4) With shutter set for bulb exposure (B), mechanism completes its cycle, i.e. shutter blades close despite the fact that exterior release lever is held in its release position.	(a) Size 0 Shutter: Lug C of time lever which extends vertically in relation to drawing plane of Fig. 3a fails to arrest cocking lever by engaging lug D. Size 00 Shutters: Arm E of time lever fails to engage abutment F of cocking lever.	(a) Size 0 & 00 Shutters: Correct shape of time lever by bending in drawing plane in such a manner that lug C of time lever catches lug D of cocking lever.
	(b) Failure of escapement mechanism prevents movement of cocking lever from being delayed.	(b) For corrective measures refer to section titled "Escapement Mechanism."

3. ESCAPEMENT MECHANISM

NOTICE:- The escapement mechanism is held in position on the base plate only by the screws S_1 and S_2 (Figs. 4a & 4b). To remove the escapement mechanism, first remove the front plate and the time setting ring, then undo the screws S_1 and S_2.

TROUBLE	CAUSE	CORRECTION
(1) Escapement mechanism fails to operate upon shutter being released. Consequence: Shutter remains out of operation (see also section "Cocking Mechanism", Item 2, and "Shutter Blade Mechanism", Item 1).	(a) Dirt has accumulated in mechanism. (b) Dirt is found not to be the cause of trouble.	(a) Use pure petrol (gasoline) to clean parts. (b) In any case, install a new escapement mechanism.

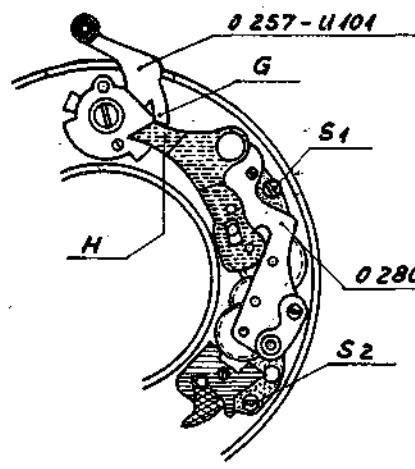


Fig. 4a
(Size 0 Shutter)

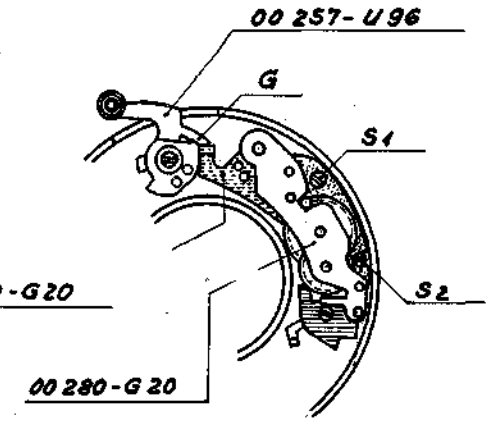


Fig. 4b
(Size 00 Shutter)

0280-G20) Escapement Mechanism
00280-G20)

H = retarding lever of escapement mechanism

(2) The operating period of the escapement mechanism does not coincide with the correct portion of the shutter blade operating period.	Incorrect position of arm G of cocking lever.	Correct position of arm G by bending in such a manner that escapement mechanism is caused to operate while shutter blades are completely open.

4. DELAYED ACTION DEVICE

NOTICE:- The delayed-action device is held in position on the base plate only by the spring serving to drive the device (see Fig. 5a). To remove the delayed-action device, first remove the front plate and the time setting ring, then unhook the above-mentioned spring from the stud St (Fig. 5a) or from the lug P (Figs. 5b & 5d), respectively.

TROUBLE	CAUSE	CORRECTION
(1) Delayed-action device fails to be caught in detent during shutter cocking.	(a) Arm M on underside of delayed-action device fails to engage bar lever (Figs. 5a-5d).	(a) Correct position of arm M by bending in drawing plane.

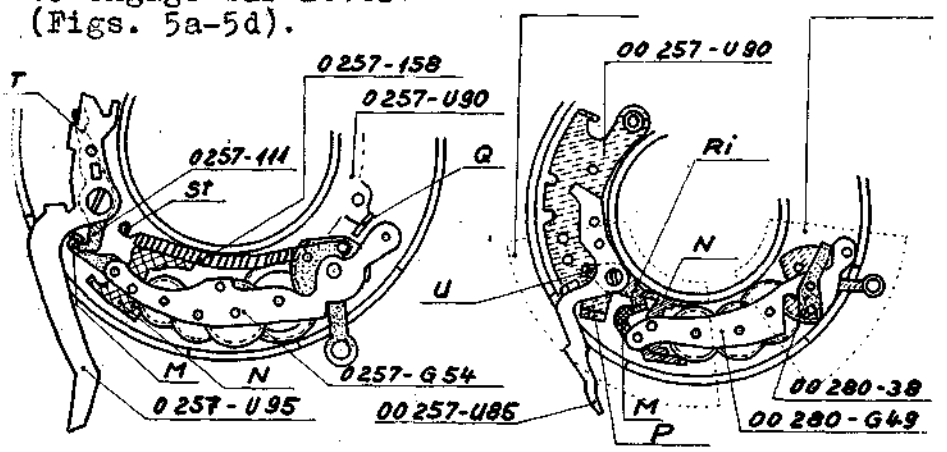


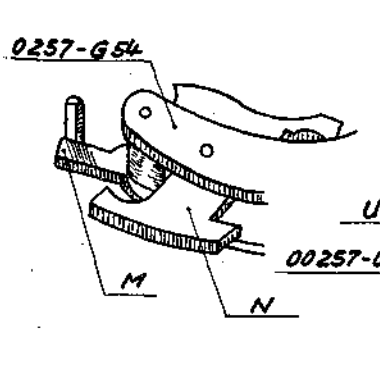
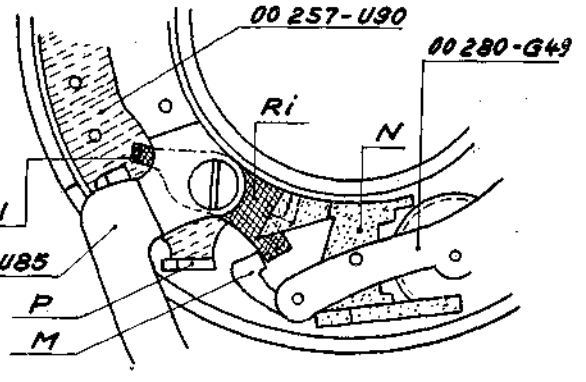
Fig. 5a
(Size 0 Shutter)

0257-U95) 00257-U85)	Exterior Release Lever
0257-111) Ri)	Bar Lever
00257-U90	Bar Lever Plate (w/ Bar Lever)

Fig. 5b
(Size 00 Shutter)

(Spring of delayed-action device omitted for clarity)

0257-G54) 00280-G49)	Delayed-action Device
00280- 38	Locking Lever for Delayed-Action Device
0257-U90) 00280-u80)	Shutter Drive Ring
0257-158	Spring for Delayed-Action Device

TROUBLE	CAUSE	CORRECTION
		
	Fig. 5c (Size 0 Shutter)	Fig. 5d (Size 00 Shutter)
(2) After shutter is cocked, delayed-action device starts immediately though shutter has not been released.	Escapement N of delayed-action device is free to move after shutter is cocked.	Correct position of Arm M by bending in such a manner that escapement is arrested by tubular portion of base plate.
(3) Delayed-action device fails to start.	(a) Excessive bending of arm M (see "Correction", Item 1) keeps escapement N from oscillating.	(a) Correct position of arm M by bending.
	(b) Dirt has accumulated in mechanism.	(b) Size 0 Shutters: Clean delayed-action device by brushing; DO NOT WASH.(because of roller clutch). - If trouble cannot be corrected by brushing, install new delayed-action device. Size 00 Shutters: Use pure petrol (gasoline) to clean delayed-action device.

TROUBLE	CAUSE	CORRECTION
(4) Delayed-action device fails to complete its cycle, i.e. it stops after shutter blades begin to open.	Incorrect position of lug Q of shutter drive ring (Figs. 5a, 5e, 5f) relative to drawing plane. This reduces to nearly zero the length of safety travel g of segment R (see Fig. 5e). 00280-G49 Delayed-Action Device 00280-U80 Shutter Drive Ring	Correct position of lug Q by bending. Fig. 5e shows CORRECT position of lug Q after delayed-action device has run down. Sufficient length of travel g must be provided for.
(5) Shutter blades open upon delayed-action device being released.	Excessive clearance h (Fig. 5f) exists when delayed-action device is cocked. This clearance should not exceed .2 mm. (.008"). 00280-G49 Delayed-Action Device 00280-U80 Shutter Drive Ring	Bend lug Q to obtain correct clearance h.

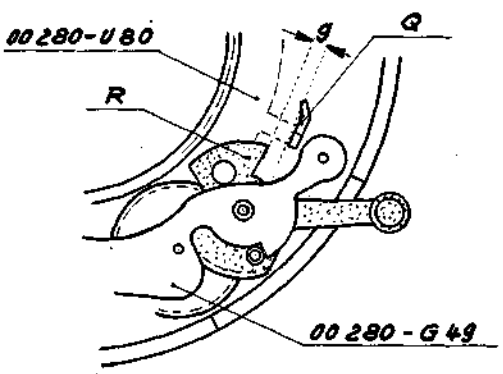
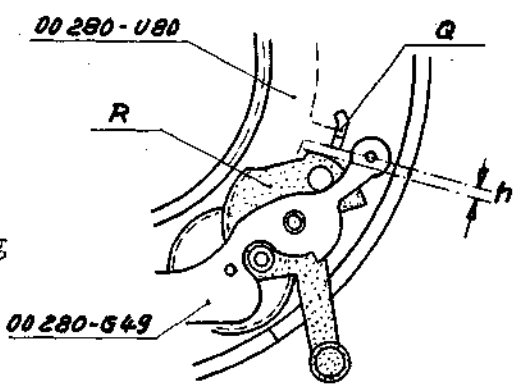


Fig. 5e
(Size 00 Shutter)

Delayed-action device after running down. (Locking lever and spring omitted for clarity).



Right: Fig. 5f (Size 00 Shutter)
(Locking lever and spring for delayed-action device have been omitted for the sake of clarity.)

TROUBLE	CAUSE	CORRECTION
(6) Delayed-action device starts before cocking lever is released by inner release lever (see Fig. 1).	Incorrect relative position of inner release lever and bar lever.	Correct shape of inner re-lease lever and bar lever in such a manner that delayed-action device will start only after inner release lever has released cocking lever. To do this, bend arm B of inner release lever (Figs. 2a & 2b) and arm T (Fig. 5a) of bar lever in the case of Size 0 shutter or lug U (Figs. 5b & 5d) in the case of Size 00 shutter, respectively.
(7) Size 00 Shutter: Delayed-action device can be cocked also when shutter is set for bulb exposure (B).	Locking lever for delayed-action device (Fig. 5g) has been accidentally omitted during assembly. Be sure not to overlook this tiny part.	Install locking lever for delayed-action device. - Fig. 5g indicates correct position of locking lever with mechanism uncocked.

00280-G49 Delayed-Action Device

00280- 38 Locking Lever for Delayed-Action Device

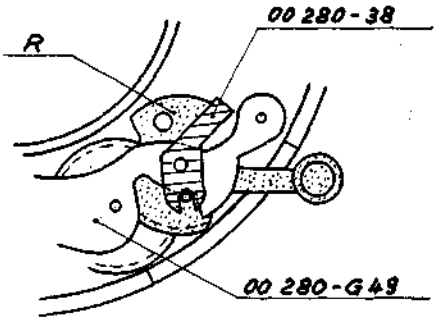


Fig. 5g
(Size 00 Shutter)

Delayed-action device in uncocked condition. (Spring omitted for the sake of clarity.)

5. SHUTTER BLADE MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) Shutter blades adhere to each other and cannot be moved. Consequence: Shutter will not operate. (See also "Cocking Mechanism", Item 2, and "Escapement Mechanism", Item 1).	Shutter blades contaminated with oil or grease.	Remove shutter blades from shutter, place blades on PLANE surface and wipe with DRY cloth. Be sure to avoid fingerprints on shutter blades, as perspiration will destroy protective finish and thus give rise to rust formation.
(2) Shutter blades fail to form light-tight closure of shutter aperture.	Shutter blades are distorted.	Install new shutter blades.
(3) Rust formation on shutter blades.	-	Install new shutter blades.

6. DIAPHRAGM MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) Moving the diaphragm index ring requires excessive effort.	(a) Presence of grease between diaphragm blades.	(a) Wipe diaphragm blades with DRY cloth and follow instructions given under "Shutter Blade Mechanism" Item 1.
	(b) Diaphragm index ring distorted.	(b) Where excessive distortion is observed, install new diaphragm index ring.
	(c) Diaphragm blades are damaged.	(c) Install new diaphragm blades.

Fig. 6
Diaphragm Blade

(2) Diaphragm aperture is not found to be a regular decagon.	Diaphragm blades damaged; pivoting rivets N_1 and N_2 may be broken. (See Fig. 6).	Install new diaphragm blades.

7. FLASH FIRING MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) Flash is not fired (assuming flash bulb and battery are in good working order).	(a) No contact between contact bushing Y of flash fitting and cable plug.	Examine plug and correct faulty condition.
	(b) Size 0 Shutter:	Size 0 & 00 Shutters:
	Insufficient contact pressure between arm W_1 of contact spring and contact plate or between arm W_2 of contact plate and flash fitting.	Correct tension of contact spring by bending.
	Size 00 Shutter:	
	Insufficient contact pressure between contact spring V and flash fitting.	

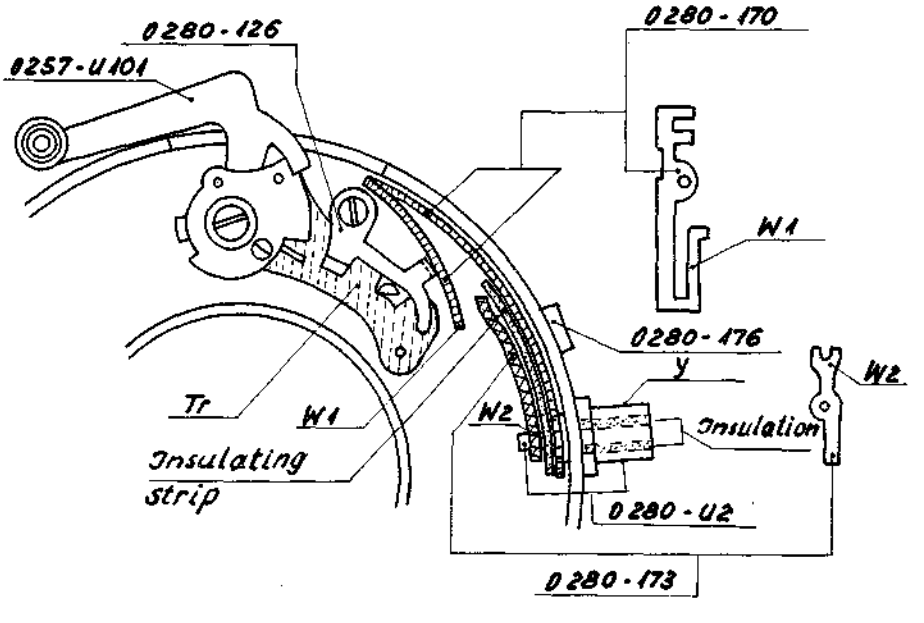


Fig. 7a
(Size 0 Shutter)

For explanation of symbols, refer to following sheet.

TROUBLE	CAUSE	CORRECTION
	0257-U101) Cocking 00257-U 96) Lever Tr = Driving Arm of Cocking Lever 0280-126) Contact 00280-111) Lever 00280-U 2 Flash Fitting	00280-U173 Contact Plate w/ Contact Spring V 0280-173 Contact Plate 0280-170 Contact Spring 0280-176 Insulating Bushing

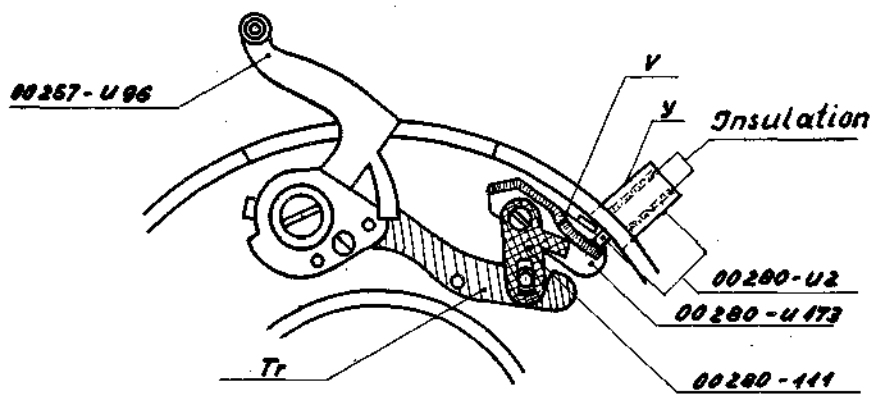


Fig. 7b
(Size 00 Shutter)

(2) Contact-making action does not coincide with prescribed shutter blade position.	Incorrect position of contact spring.	Correct position of contact spring by bending in such manner that contact-making action occurs during portion of shutter blade opening period defined as follows: Lower Limit: Shutter blades form an aperture whose radius is by 1 mm. (.04") smaller than the full-aperture radius; Upper Limit: Shutter blades fully expose aperture.

8. TIME SETTING MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) Moving the time setting ring requires too much or too little effort.	(a) Too little or too much radial play between time setting ring and tubular portion of base plate.	(a) Adjust for proper amount of play by bending spring arm Z in drawing plane of Fig. 8
	(b) Size 00 Shutter: Distance between time setting ring and front plate is too small or too large.	(b) Adjust for proper distance by rotating the thread ring for the front plate. Then lock thread ring in position by having screw on front plate engage in notch of thread ring.

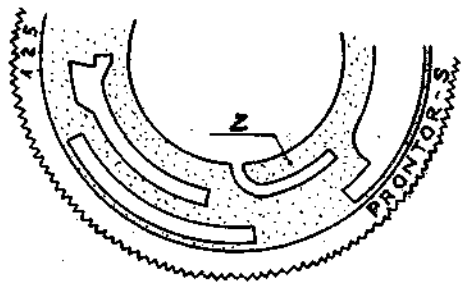


Fig. 8
Time Setting Ring
0280-159

FIRST SUPPLEMENT

to

INSTRUCTIONS ON HOW TO REPAIR

GAUTHIER CAMERA SHUTTERS

This supplement covers the fully synchronized
MODEL PRONTOR SV SHUTTER

CONTENTS

	Sheets
4a. Delayed-Action and Synchronizing Device	20 to 27
7a. Flash Firing Mechanism	28 to 31
8a. Time Setting Mechanism	32

4a. DELAYED ACTION AND SYNCHRONIZING DEVICE

GENERAL REMARKS

(1) In the Prontor SV shutter, part of the delayed-action device intended for selftiming purposes is used as a synchronizing device serving to take care of the inherent time lag of flash equipment. The synchronizing device is rendered operative by setting the synchro switch ring at the yellow mark. In this position, some of the elements of the mechanism are disengaged from the remaining elements. With the synchro switch ring set at the red mark, however, all elements of the delayed-action device are in their operative positions of engagement.

(2) In contrast to the Pronto and Prontor-S shutters, the delayed-action device is not arranged for pivotal movement but is rigidly mounted on the base plate. The device is held in position by sliding it over the peg 2 which is secured to the base plate and by means of another peg 3 protruding from the underside of the delayed-action device, the latter peg being fitted into a bore provided in the base plate. - To remove the delayed-action device from the shutter, first remove the front plate and the time setting ring, then disengage the spring of the delayed-action device from its anchor 4 (Fig. 10a).

In doing so, see to it that the segment 6, which is connected with the synchro cocking lever 5, takes a position in relation to the lens tube such as is indicated in Fig. 9; otherwise the projections of segment 6 will be caught in the milled recesses of the lens tube, it then being impossible to lift out the mechanism. The position of segment 6 indicated in Fig. 9 is obtained as follows:- First unhook the spring from its anchor 4; then ...

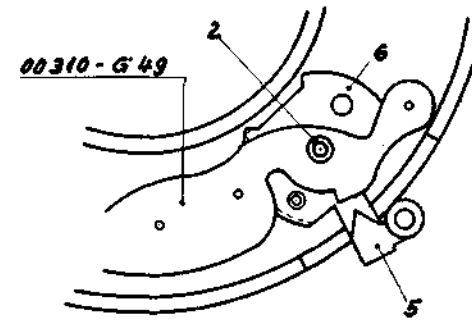


Fig. 9
(Size 00 Shutter)

(a) with the synchro cocking lever in its rest position, rotate the synchro cocking lever in a clockwise direction until the segment reaches the desired position; or

4a. DELAYED ACTION AND SYNCHRONIZING DEVICE

GENERAL REMARKS

(1) In the Prontor SV shutter, part of the delayed-action device intended for selftiming purposes is used as a synchronizing device serving to take care of the inherent time lag of flash equipment. The synchronizing device is rendered operative by setting the synchro switch ring at the yellow mark. In this position, some of the elements of the mechanism are disengaged from the remaining elements. With the synchro switch ring set at the red mark, however, all elements of the delayed-action device are in their operative positions of engagement.

(2) In contrast to the Pronto and Prontor-S shutters, the delayed-action device is not arranged for pivotal movement but is rigidly mounted on the base plate. The device is held in position by sliding it over the peg 2 which is secured to the base plate and by means of another peg 3 protruding from the underside of the delayed-action device, the latter peg being fitted into a bore provided in the base plate. - To remove the delayed-action device from the shutter, first remove the front plate and the time setting ring, then disengage the spring of the delayed-action device from its anchor 4 (Fig. 10a).

In doing so, see to it that the segment 6, which is connected with the synchro cocking lever 5, takes a position in relation to the lens tube such as is indicated in Fig. 9; otherwise the projections of segment 6 will be caught in the milled recesses of the lens tube, it then being impossible to lift out the mechanism. The position of segment 6 indicated in Fig. 9 is obtained as follows:- First unhook the spring from its anchor 4; then ...

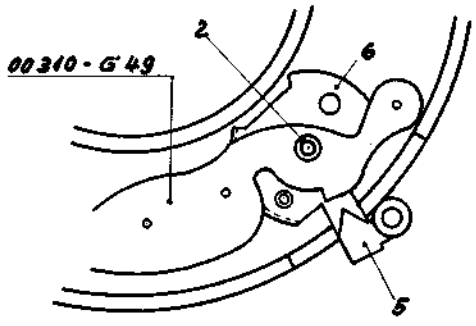


Fig. 9
(Size 00 Shutter)

(a) with the synchro cocking lever in its rest position, rotate the synchro cocking lever in a clockwise direction until the segment reaches the desired position; or

(b) with the synchro cocking lever in its cocked position, release the COCKED shutter and rotate the synchro cocking lever in an anti-clockwise direction until the position indicated in Fig. 9 is reached; finally, allow the shutter cocking lever to be again caught in its cocked position.

(3) Due to the design of the Prontor SV shutter, the shutter blades will perform a slight swinging movement while the shutter is being cocked; this will not, of course, allow any light to enter the camera. Any change as regards this movement of the shutter blades may only be made in cases where the faults mentioned below are observed; otherwise the proper functioning of the delayed-action device will be interfered with.

(4) When performing repair work on this shutter model, care should be taken to change the position of lug 7 of the shutter drive ring only in cases where the faults mentioned below are observed. The proper functioning of several phases of the shutter cycle depends on the correct position of lug 7.

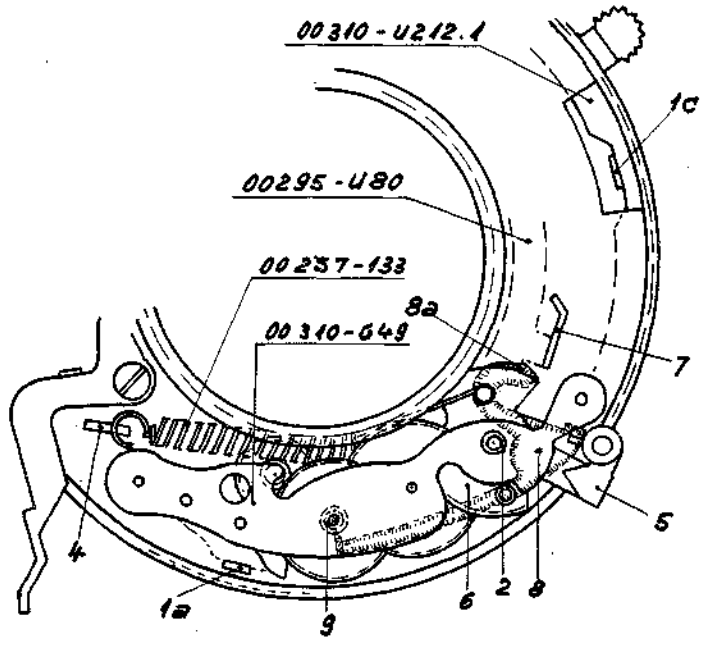


Fig. 10a
(Size 00 Shutter)
00257-133 Spring of Delayed Action Device
00295-U80 Shutter Drive Ring
00310-G49 Delayed-Action Device
00310-U212.1 Synchro Switch Ring

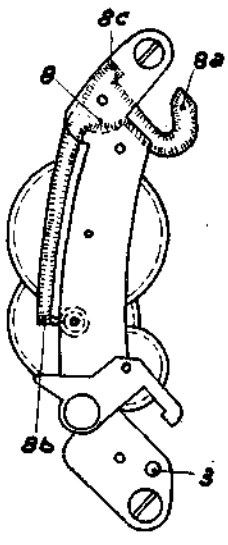


Fig. 10b
Delayed-Action Device
00310-G49
(incomplete)

TROUBLE	CAUSE	CORRECTION
(1) Synchro cocking lever fails to lock in position during cocking of delayed-action and synchronizing device.	(a) Lug 7 of shutter drive ring has excessive inclination in direction of arrow I (Fig. 10c); thus it is possible for lug 7, during cocking already, to act upon arm 8a of three-armed locking lever 8 and to rotate this lever counterclockwise. This causes arm 8b of locking lever 8 to release pinion 9.	(a) Correct position of lug 7 by bending in direction of arrow II in Fig. 10c.
	(b) Lug 7 of shutter drive ring has excessive inclination in circumferential direction, i.e. in direction of arrow III in Fig. 10c.	(b) Correct position of lug 7 by bending in direction of arrow IV in Fig. 10c.

00295-U80
Shutter Drive Ring

00310-G49
Delayed-action Device

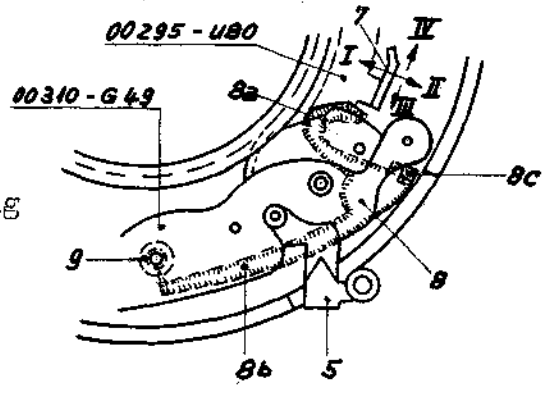


Fig. 10c
(Size 00 Shutter)
Delayed-Action Device in Cocked Position

(2) After shutter cocking lever is locked in cocked position, the cocked delayed-action and synchronizing device starts running without the shutter being previously released.	(a) Insufficient clearance between lug 7 of shutter drive ring and arm 8a of locking lever 8 in direction of arrow III in Fig. 10c.	(a) Correct position of lug 7 by bending in direction of arrow IV in Fig. 10c.

TROUBLE	CAUSE	CORRECTION
	(b) Because lug L of inner release lever (see "Cocking Mechanism", Fig. 1) is bent out of position, the shutter cocking lever has to travel too great a distance between its stop position and its register. Thus, before lug L engages edge K of cocking lever, the shutter drive ring is rotated a corresponding amount, the ring in turn rotating the locking lever 8 and releasing the delayed-action and synchronizing device.	(b) Correct position of lug L by bending.
(3) Delayed-action and synchronizing device fails to run off.	(a) Lug 7 of shutter drive ring has excessive inclination in direction of arrow II in Fig. 10c. This causes locking lever 8 to be locked in position, thus preventing delayed-action and synchronizing device from being released.	(a) Correct position of lug 7 by bending in direction of arrow I in Fig. 10c.
	(b) Dirt has accumulated in mechanism.	(b) Use pure petrol (gasoline) to clean mechanism.

TROUBLE	CAUSE	CORRECTION
(4) With the synchro switch ring set at the yellow mark, the synchronizing device fails to run off, while, with the synchro switch ring set at the red mark, the delayed-action device does run off.	Arm 1a of synchro switchring (Fig. 10d) is deflected radially from vertical position in relation to drawing plane. As a result, gear 10 and pinion 11 are not completely brought out of engagement.	Adjust arm 1a of synchro switch ring for vertical position in relation to drawing plane.

00310-U212.1
Synchro
Switch Ring

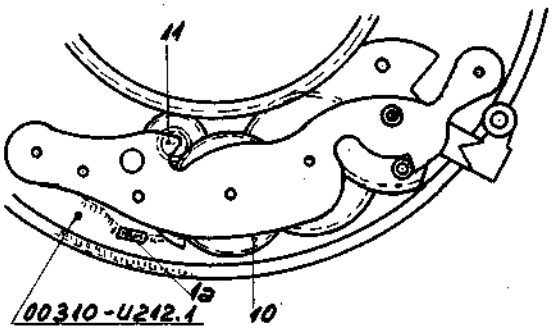


Fig. 10d
(Size 00 Shutter)

(5) The delayed-action and synchronizing device fails to complete its cycle, i.e. upon the shutter blades beginning to open, the mechanism stops or fails to run until the synchro cocking lever has completed its travel (see also Section 8a, "Time Setting Mechanism", Item 1).	(a) Vertical lug 8d on arm 8c of three-armed locking lever 8 is excessively deflected in direction of arrow V in Fig. 10e and therefore interferes with movement of synchro cocking lever 5 which is connected with segment 6.	(a) Correct position of lug 8d by bending in direction of arrow VI in Fig. 10e.

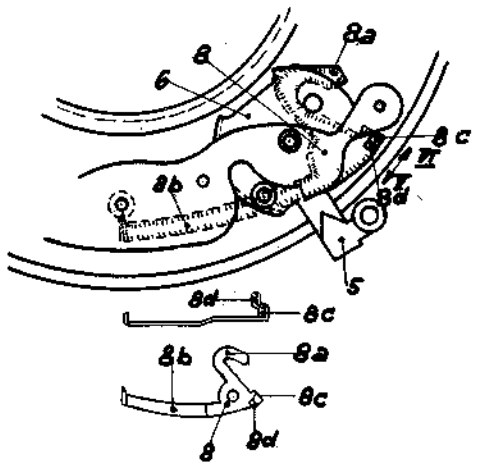


Fig. 10e
(Size 00 Shutter)

TROUBLE	CAUSE	CORRECTION
	Only with 1/300-sec. setting:-	
	(b) Lug 8d has excessive deflection in direction of arrow VI in Figs. 10e & 10f. At the moment at which lug 7 is released by segment 6, the synchro cocking lever 5 assumes the position indicated in Fig. 10f. The synchro cocking lever has to travel the angular distance s before striking lug 8d. Due to the extremely short open period of the shutter when set for 1/300 sec., lug 7 of the shutter drive ring, owing to the above-mentioned reason, will leave arm 8a of locking lever 8 during its return travel before the synchro cocking lever 5 has completed its length of angular travel s. On the contrary, when lug 7 has left the arm 8a, the synchro cocking lever will only have traveled the angular distance s_o. Thus, the spring-loaded locking lever 8 will arrest the pinion 9 by means of arm 8b before the mechanism can be finally released by synchro cocking lever 5 striking lug 8d to permit the shutter to complete its operating cycle.	(b) Correct position of lug 8d by bending in direction of arrow V in Figs. 10e & 10f.

TROUBLE	CAUSE	CORRECTION
	Only with 1/300-sec. setting:-	
	(c) Lug 7 of shutter drivering has excessive deflection in direction of arrow II in Figs. 10c & 10f. As a result, lug 7 will prematurely release arm 8a of locking lever 8 during the return movement of the shutter drive ring, this causing the mechanism to be locked before the synchro cocking lever reaches the lug 8d (for detailed explanation, refer to Item b).	(c) Correct position of lug 7 by bending in direction of arrow I in Figs. 10c & 10f.

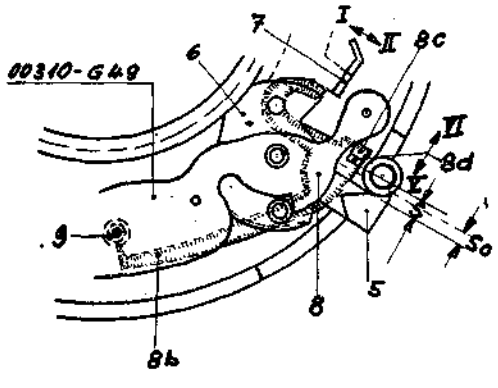


Fig. 10f
(Size 00 Shutter)

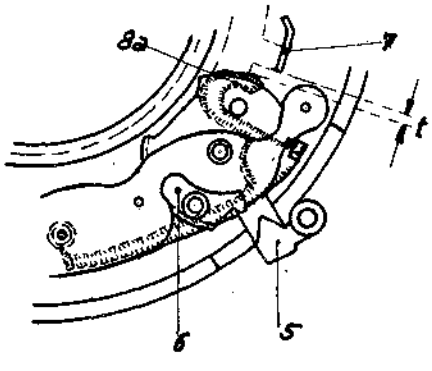


Fig. 10g
(Size 00 Shutter)

00310-G49
Delayed-Action Device

TROUBLE	CAUSE	CORRECTION
(6) Shutter blades open upon delayed-action and synchronizing device being released.	With delayed-action and synchronizing device in cocked condition, distance t (Fig. 10g) is too large.	Reduce distance t, taking into consideration the types of trouble mentioned earlier.

NOTICE:- The type of trouble discussed in Item 6 of Section 4, "Delayed-Action Device" (Sheet No. 13) cannot occur in PRONTOR-SV shutters. On the other hand, the type of trouble explained in Item 7 (Sheet No. 13) may occur also in PRONTOR-SV shutters; for causes and corrective measures, refer to sheet No. 13.

7a. FLASH FIRING MECHANISM

GENERAL REMARKS

(1) Figures 11a and 11b illustrated the two hitherto produced types of flash firing mechanism used in Size 00 shutters, Fig. 11a showing an earlier design, while Fig. 11b shows the current production model. Fig. 11c illustrates the flash firing mechanism used in Size 0 shutters.

(2) In PRONTOR-SV shutters, contact is made at two different points (X- and M-contacts). The design of the X-contact is the same as that of the contact system described on Sheets No. 16 and 17, these sheets thus fully covering the PRONTOR-SV shutter.

The types of trouble discussed in the following paragraphs arise only in connection with the M-contact of the PRONTOR-SV shutter.

(3) In the case of Size 00 shutters, care should be taken to keep contact resistance as low as possible by providing for intimate contact between the arm 12 of the spring and the flange 13 of the flash fitting. In addition, the spring arms 14 and 15 are required to rest elastically against No. 2 contact lever (00295-U226 and 00310-U226, respectively).

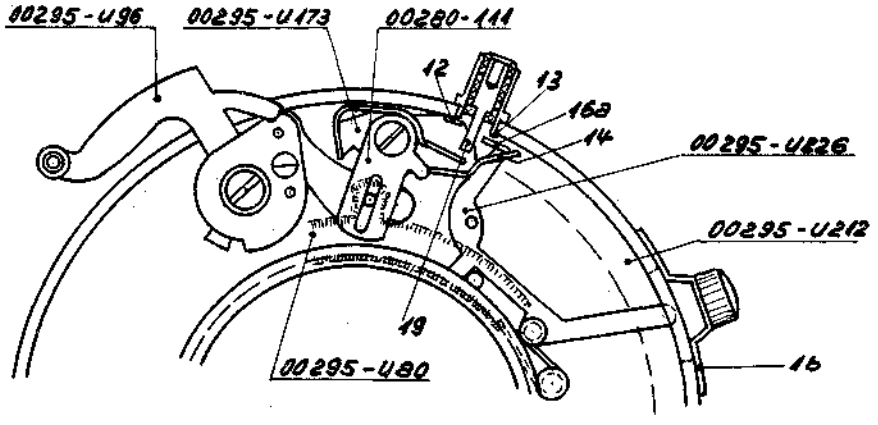


Fig. 11a
(Size 00 Shutter)
Earlier Design of Firing Mechanism

00295-U96	Cocking Lever	00280- 111	No. 1 Contact Lever
00295-U80	Shutter Drive Ring	00295-U226	No. 2 Contact Lever
00295-U173	Contact Plate	00295-U212	Synchro Switch Ring

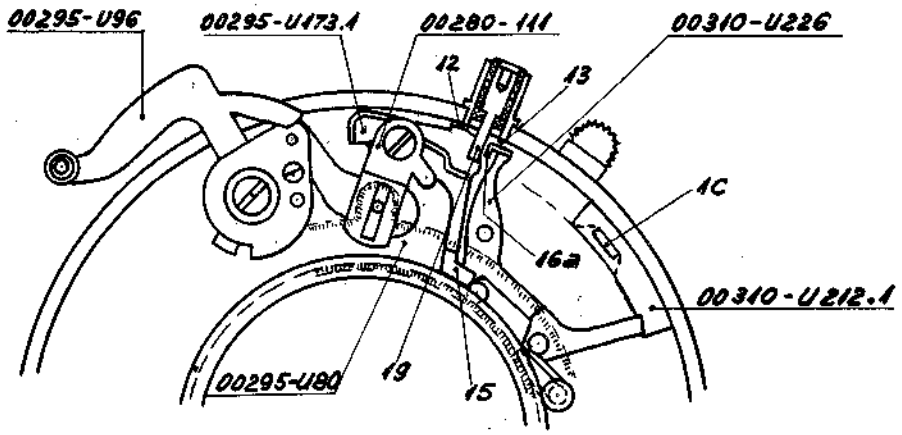


Fig. 11b
(Size 00 Shutter)
New Design of Firing Mechanism

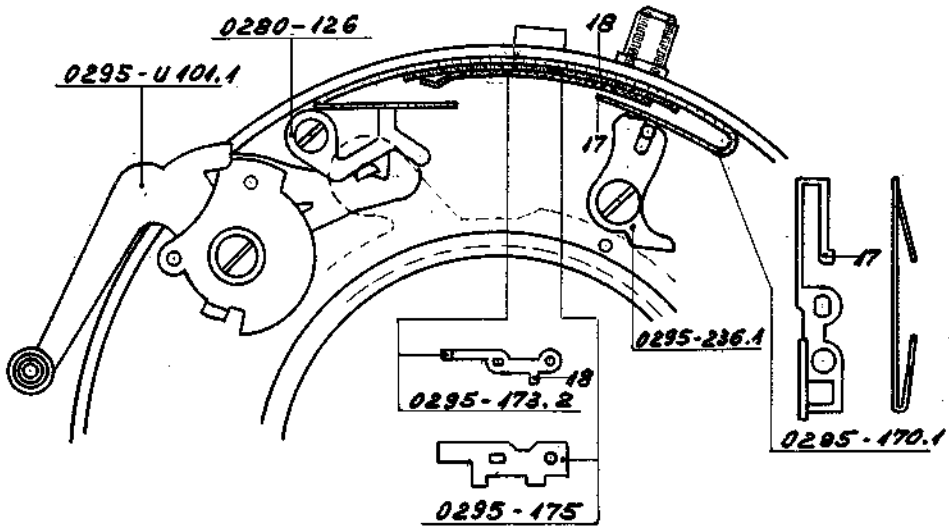


Fig. 11c
(Size 0 Shutter)

00295-U96	Cocking Lever	0280-126	No. 1 Contact Lever
00295-U80	Shutter Drive Ring	0295-U101.1	Cocking Lever
oo295-U173.1	Contact Plate	0295- 173.2	Contact Plate
00280-111	No. 1 Contact Lever	0295- 175	Insulating Plate
00310-U226	No. 2 Contact Lever	0295- 170.1	Contact Spring
00310-U212.1	Synchro Switch Ring	0295- 236.1	No. 2 Contact Lever

TROUBLE	CAUSE	CORRECTION
	Size 0 Shutters:	
(1) Flash is not fired (assuming flash bulb and battery are in good working order).	(a) Gap between spring arm 17 and arm 18 is too large.	(a) Reduce gap by bending spring arm 17.
	Size 00 Shutters:	
	(b) Gap between arm 16a of contact lever and contact pin 19 is too large.	(b) Reduce gap by bending No. 2 contact lever.
	(c) No. 2 contact lever is retained by arm 1b or arm 1c, respectively, of synchro switch ring.	(c) Correct position of arm 1b or arm 1c by bending.
	(d) Plane of rotation of contact lever is not parallel with drawing plane so that contact lever fouls against base plate.	(d) Correct shape of contact lever by bending or install ne contact lever.
	Size 0 & 00 Shutter:	
	(e) Lug 7 of shutter drive ring has excessive deflection in direction of arrow III in Fig. 10c, the result being that distance t in Fig. 10gis too small to ensure contact-making at that moment at the latest when lug 7 strikes cam surface of segment 6.	(e) Correct position of lug 7 by bending in direction of arrow IV in Fig. 10c.

TROUBLE	CAUSE	CORRECTION
(2) Contact is made during shutter cocking.	(a) Gap between contact points 17 and 18 or between contact 16a and contact pin 19 is too small.	(a) Increase gap by bending the respective parts.
	(b) Due to distortion of lug L of inner release lever (see Fig. 1 in Section "Cocking Mechanism") there is an excessive distance between the stop position of the shutter cocking lever and its detent position. As a result, the shutter drive ring is rotated a corresponding amount until lug L engages edge K of cocking lever, this causing No. 2 contact lever to be released for contact-making, i.e. to be forced against spring arm 17 which, in turn, is forced against arm 18.	(b) Correct position of lug L by bending.

8a. TIME SETTING MECHANISM

TROUBLE	CAUSE	CORRECTION
	Size 00 Shutters only:-	
(1) With delayed-action and synchronizing device uncocked, time setting ring cannot be set at "B" (see Section 4a, "Delayed-Action and Synchronizing Device", Item 5).	During a preceding shutter cycle during which the shutter had been set for 1/300 sec., the delayed-action and synchronizing device has failed partially or completely to perform the last portion of its cycle. As a result, the locking lever of the delayed-action device does not permit the time setting ring to be rotated in order to be set at its "B" position.	Refer to Section 4a, "Delayed-Action and Synchronizing Device", Item 5, Steps (b) & (c).

SECOND SUPPLEMENT

to

INSTRUCTIONS ON HOW TO REPAIR GAUTHIER CAMERA SHUTTERS

This supplement covers the fully synchronized MODEL PRONTOR-SVS SHUTTER

CONTENTS

	Sheets
Introductory Remarks on the PRONTOR-SVS Shutter	34
1a. Cocking Mechanism	35 to 40
4b. Delayed-Action Device and Synchronizer	41 to 51
8b. Time Setting Mechanism (Size 0 Shutter only)	52 to 53

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 33

INTRODUCTORY REMARKS ON THE PRONTOR-SVS SHUTTER

(1) The PRONTOR-SVS shutter is a development of the PRONTOR-SV. Both the general design and the mode of operation of this new shutter closely resemble those of the PRONTOR-SV.

(2) The main difference between the PRONTOR-SVS and the PRONTOR-SV is to be seen in the fact that in the PRONTOR-SVS provision has been made for the cocking operation to cause the combined delayed-action device and synchronizer to be cocked at the same time.

(3) Also the PRONTOR-SVS has a synchro switch ring permitting the shutter to be selectively set for different types of exposure. However, in contrast to the PRONTOR-SV, in which this ring can be set at two different positions, the PRONTOR-SVS has a synchro switch ring which may be set at any of three different positions. The purpose of these three positions, which are marked "M", "X" and "V", respectively, is explained here below:

"M" = Setting for flash exposures using M-type flash bulbs with shutter speeds between 1/50 and 1/300 second;

"X" = Setting for electronic flash exposures using any desired shutter speed and for flash bulb exposures with a shutter speed of up to 1/25 second;

"V" = Setting for exposures to be timed by the delayed-action device, also in combination with electronic flash (up to 1/300 second) and flash bulbs (up to 1/25 second).

Where no flash exposure is intended, the synchro switch ring may be set at "X" or "M".

It is a special feature of the PRONTOR-SVS shutter that it permits -- also in its cocked condition -- any of its settings to be repeatedly changed as desired.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 34

1a. COCKING MECHANISM

INTRODUCTORY REMARKS

(1) The PRONTOR-SVS shutter is cocked in the same manner as the other Gauthier shutters described earlier, i.e. either by means of the cocking lever projecting from the shutter casing or by means of the cokcing shaft extending through a hole in the back of the casing.

(2) (a) Simultaneous cocking of the shutter mechanism and the delayed-action device is provided for by a system of levers (Figs. 12a and 12b) comprising a cocking arm 1 and a cocking arm 2. The cocking arm 2 is pivoted about a pin 102 carried by the segment wheel 101 of the delayed action device, whereas the cocking lever co-operates with the cocking arm 1 through a bevelled pin 103 which is riveted to the cocking lever.

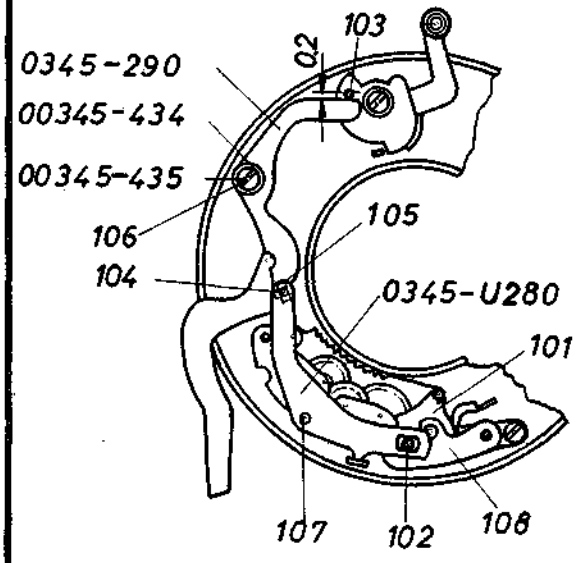


Fig. 12a
(Size 0 shutter)

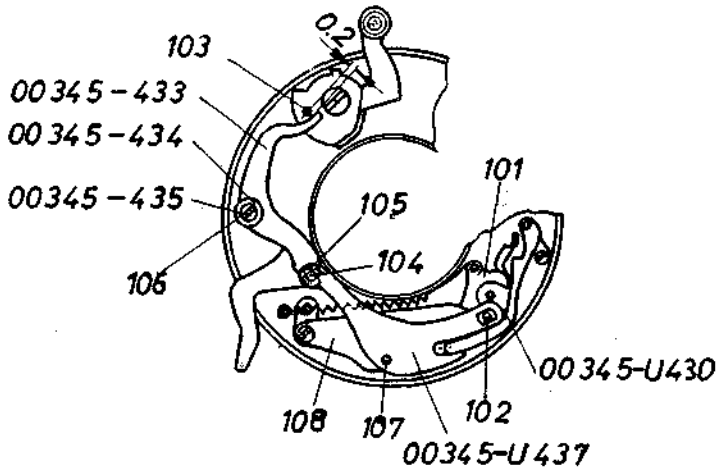


Fig. 12b
(Size 00 shutter)

0 345-290	cocking arm 1
0 345-U280	cocking arm 2
00345-434	cocking arm washer
00345-435	lug screw

00345-433	cocking arm 1
00345-U437	cocking arm 2
00345-434	cocking arm washer
00345-435	lug screw
00345-U430	supporting lever

(2) (b) The cocking arms 1 and 2, when incorporated, are interconnected by a pin-and-slot joint 104, 105.

(2) (c) The cocking arms 1 and 2 are supported as follows:

Cocking Arm 1

In size 0 and 00 shutters, the cocking arm 1 is pivoted about a pin 106 which is riveted to the base plate. In order to produce a spring action in that portion of the cocking arm which co-operates with the pin 103, the former is locked to pin 106 by means of a lug screw and a spring washer. When repairing the mechanism, be sure firmly to tighten the lug screw.

Important:

During a certain period of manufacture of size 00 shutters there was used, instead of the lug screw 00345-435 and the spring washer (cocking arm washer) 00345-434, only a screw having a higher head. When repairing such shutters, either again use the last-mentioned screw or use the screw 00345-435 in combination with the cocking arm washer 00345-434. Under no circumstances must this latter screw be used without the cocking arm washer.

Cocking Arm 2

In all shutter types, the cocking arm 2 carries a riveted axle pin 107 which projects into a bearing hole provided in the upper side plate 108 of the delayed-action device.

During an initial period of the manufacture of PRONTOR-SVS shutters, the cocking arm 2 was placed freely movable on the side plate 108 (see Figs. 12a and 12b) and was held in position by the time setting ring. In some of these shutters, cumulative assembly tolerances were compensated for by the insertion of shims between the cocking arm 2 and the time setting ring. Some of these shims are made of thin spring steel strips, while others consist of plastic material.

Where shutters of this type have to be repaired, with the existing delayed-action device being retained, the above-mentioned shims will again have to be placed in position. When it is intended to install another delayed-action device, it is first necessary to measure the distance between the upper side of the cocking arm and the upper edge of the surrounding wall (see Fig13). If this distance is found to be in excess of .2 mm (.008"), the shim should again be inserted.

In shutters of later production, the cocking arm 2 is held in position by securing means independent of the speed setting ring. For this purpose in size 0 shutters the cocking arm is riveted to the side plate 108. The connection between the cocking arm and the pin 102 on the segment wheel 101 is established by the cocking arm roller 0345-332 which has to be inserted through a circular aperture provided at the end of the oblong slot (see Fig. 12c).

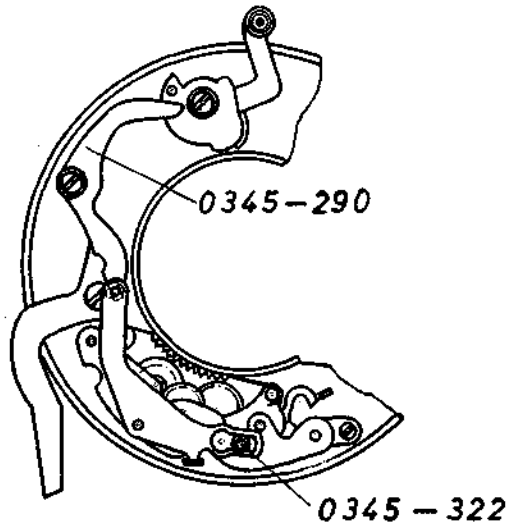


Fig. 12c
(Size 0 shutter)
0 345-322 cocking arm roller
0 345-290 cocking arm roller

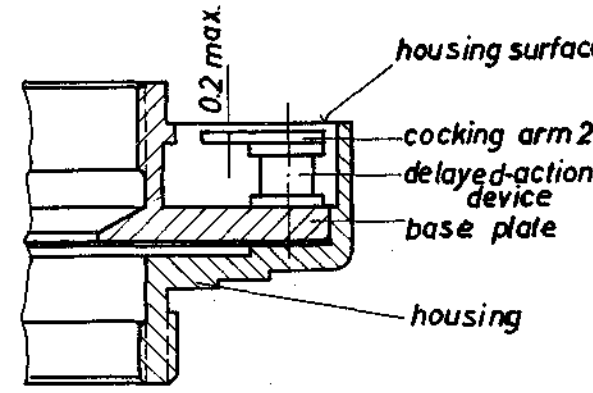


Fig. 13
(Size 0 and 00 shutter)

In the case of size 00 shutters, the cocking arm 2 can be removed from the side plate 108 also when the arm is not loosely fitted. In this case, the cocking arm is held in position either

by a screw 00345-429 which extends through a slot in the arm (see Fig. 12d) or by a rotatable interlocking rivet carried by the side plate 108 (see Fig. 12e).

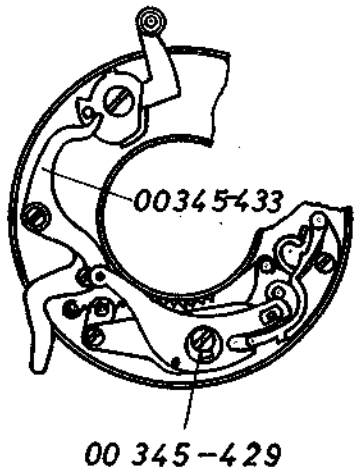


Fig. 12d
(Size 00 shutter)

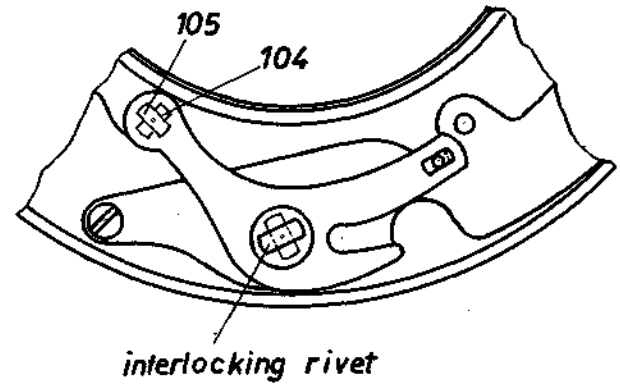


Fig. 12e
(Size 00 shutter)

00345-433 cocking arm 1

00345-429 screw for cocking arm 1

Be sure not to use any shims in the shutter mechanisms illustrated in Figs. 12c, 12d and 12e.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 38

TROUBLE	CAUSE	CORRECTION
(1) Operation of cocking lever fails also to cock the synchronizer and delayed-action device.	(1) Cocking rivet 103 fails to drive cocking arm 1 for the following reasons: (a) With shutter in released position, cocking arm 1 has its end on top of pin 103 rather than in front of the pin.	Bend cocking arm 2 in direction of arrow A in Fig.14 to produce a clearance of about .2 mm. (.008") between end of cocking arm 1 and pin 103.

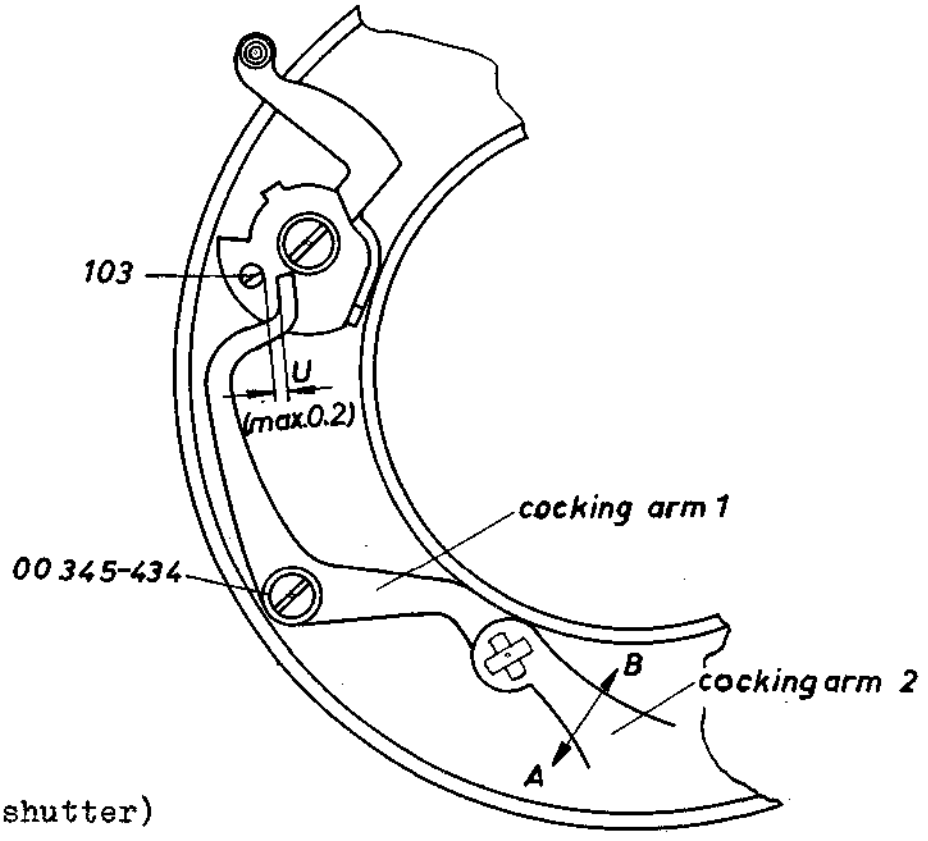


Fig. 14
(Size 0 and 00 shutter)

00345-434 cocking arm washer

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 39

TROUBLE	CAUSE	CORRECTION
	(b) Cocking arm washer 00345-434 has no tension so that pin 103 will only lift cocking arm 1 in an axial direction without rotating it.	Insert proper cocking arm washer 00345-434.
	(c) End of cocking arm 1 is bent upward.	Straighten cocking arm 1 until it is plain.
	(2) Only with shutters according to Figs. 12a and 12b:	
	Slot 101 of cocking arm 2 is disengaged from pin 102 carried by segment wheel.	Measure distance indicated in Fig. 13 and, if necessary, insert a compensating shim.
(2) The synchronizer and delayed-action device will run down immediately after cocking.	See Trouble (1) (a) under Synchronizer and Delayed-Action Device.	

4b. SYNCHRONIZER AND DELAYED-ACTION DEVICE

INTRODUCTORY REMARKS

In addition to the fact that the shutter itself is simultaneously cocked with the synchronizer and delayed-action device, these latter mechanisms of the PRONTOR-SVS shutter differ from those of the PRONTOR-SV as follows:

(1) Two screws (Figs. 15a and 15b) are used to secure the synchronizer and delayed-action device to the base plate. In the size 00 shutter, the screw 00345-443 also serves as a locking screw in the assembly of the shutter.

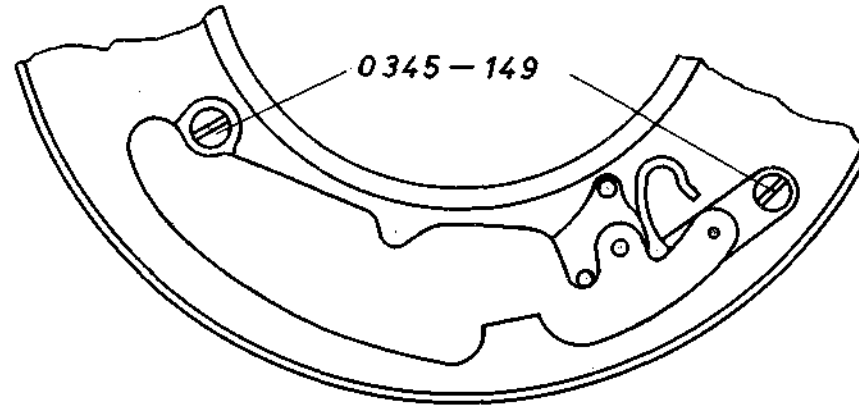


Fig. 15a
(Size 0 shutter)

0345-149
fixing screw for delayed action device

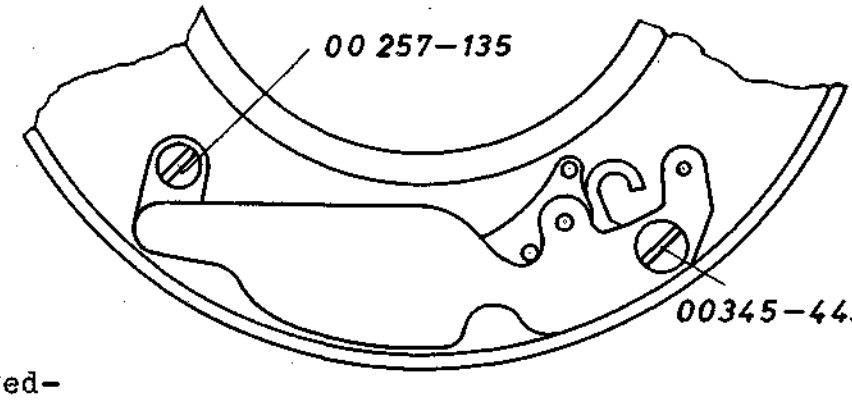


Fig. 15b
(Size 00 shutter)

00345-443
fixing screw for delayed-action device, long

00257-125
fixing screw for delayed-action device, short

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 41

(2) The drive spring of the PRONTOR-SVS synchronizer and delayed-action device is weaker than the corresponding spring of the PRONTOR-SV. Therefore, when removing and installing this spring, extreme care must be exercised not to distort the spring, as this would impair the dependability of the synchronizer and delayed-action device. Distorted springs must never be used again; use new springs instead.

(3) At the end of the cocking operation, the synchronizer and delayed-action device is locked by the locking lever 109 which then engages the locking pin 111 carried by first drive pinion 110 (see Figs. 16a and 16b).

In PRONTOR-SVS shutters, the upturned lug 112 of the drive ring serves to operate the locking lever in order to release the mechanism. In the course of time the design of the releasing arms of the locking levers was changed; the various shapes being indicated in dotted lines in Figs. 16a and 16b.

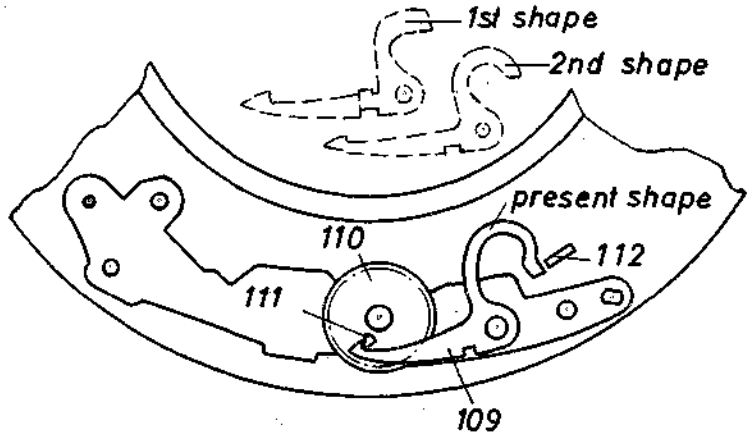


Fig. 16a
(Size 0 shutter)

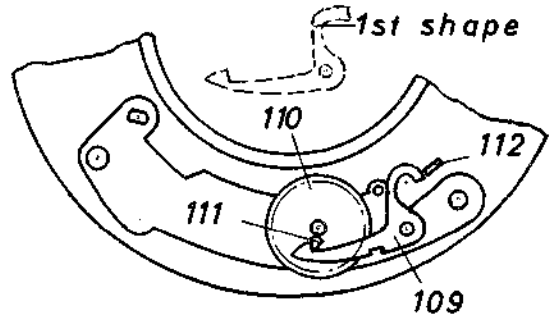


Fig. 16b
(Size 00 shutter)

(4) In the PRONTOR-SVS shutter, a supporting lever serves to retain the released driving ring during the running-down period of the synchronizer and delayed-action device, this lever being operated by the cocking arm 2. The arrangement of the supporting lever is different in Size 0 and Size 00 shutters, and different methods of holding this lever in position have been adopted in the course of time. The various arrangements are described in the following paragraphs.

Size 0 Shutter

The original arrangement of the supporting lever is shown in Fig. 17a, where the supporting lever is connected to the base plate by a screw. A second arrangement is shown in Fig. 17b, where the supporting lever is pivoted about a pin carried by the base plate. Later on, in connection with the adoption of the arrangement of the cocking arm illustrated in Fig. 12c, another change was made according to which the supporting lever is mounted on the lower side plate 113 as shown in Fig. 17c.

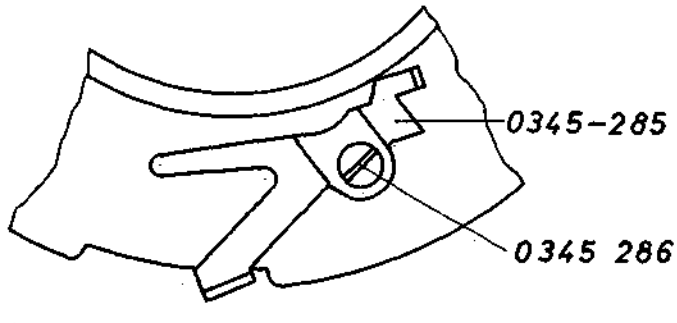


Fig. 17a
(Size 0 shutter)

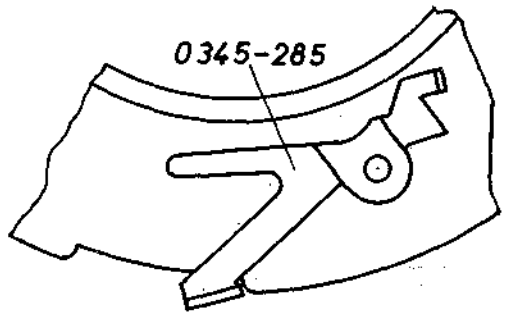
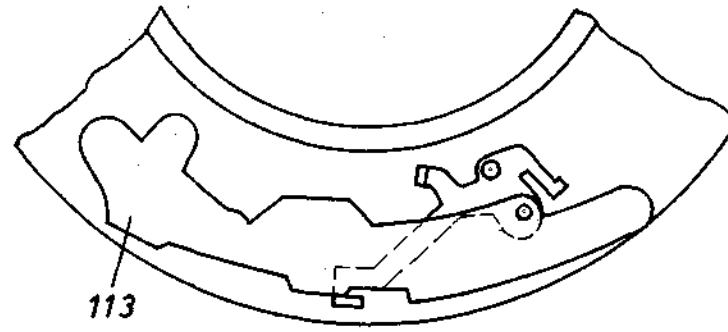


Fig. 17b
(Size 00 shutter)

0345-285 supporting lever
0345-286 supporting lever screw

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 43

Fig. 17c
(Size 0 shutter)



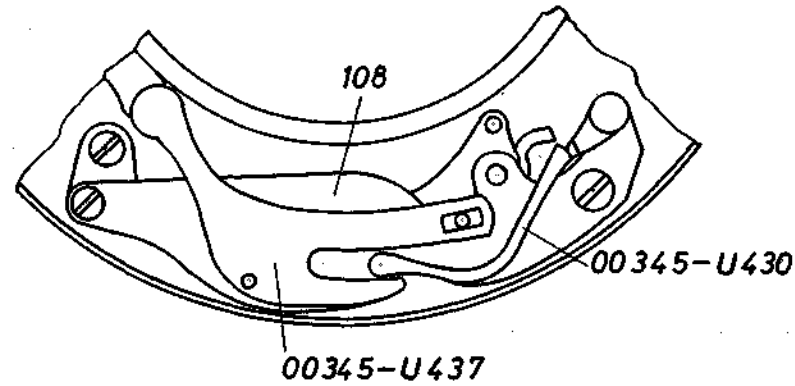
IMPORTANT:

The synchronizer and delayed-action device shown in Figs. 17a, 17b and 17c are not interchangeable. When ordering spare parts, please refer to the respective figures.

Size 00 Shutter

In size 00 shutters the supporting lever is carried by the upper side plate 108. Originally the supporting lever was mounted as shown in Fig. 17d, i.e. in the same manner as the cocking arm 2 (see Fig. 12b). What has been said about the cocking arm 2 in this respect applies in the proper sense for locking the supporting lever.

Fig. 17d
(Size 00 Shutter)



00345-U437
cocking arm 2

00345-U430
supporting lever

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 44

At a later time, when independent means were introduced to hold the cocking arm 2 in position, similar means were adopted for the supporting lever. According to this arrangement, the supporting lever is permanently attached to the side plate 108 as shown in Fig. 17e. The synchronizers and delayed-action devices illustrated in Figs. 17d and 17e are interchangeable.

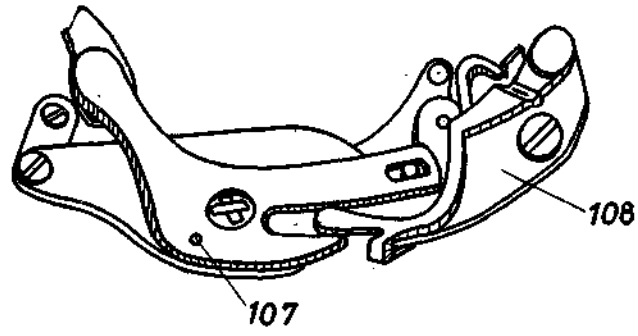


Fig. 17e
(Size 00 Shutter)

SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
(1) The synchronizer and delayed-action device will run down immediately after cocking	(a) Excessive distance U (Fig.14) between locking rivet 103 and cocking arm 1. As a result, the tensioning motion of the synchronizer and delayed-action device is so short that the locking lever 109 cannot engage the locking rivet 111 of the first pinion 110.	Bend the cocking arm 2 in the direction of arrow B in Fig. 14, Sheet 39, to obtain the prescribed distance U.
	(b) Already when in its rest position, lug 112 of the drive ring shifts the locking lever 109 into its released position.	With the release arm of the locking lever formed as shown in Figs. 16a and 16b, bend lug 112 in direction of arrow C in Fig. 18b. In all other cases, bend the release arm of the locking lever in direction of arrow D in Fig. 18a, b.

TROUBLE	CAUSE	CORRECTION
(2) Whether the synchro switch ring is set at "V", "X" or "M", the shutter will not run down upon the release lever being operated, because the synchronizer and delayed-action device fails to run down.	(a) Lug 112 has been bent excessively in direction of arrow "E", so that it cannot at all or not properly shift the locking lever 109, the result being that the synchronizer and delayed-action device is not released.	Bend lug 112 in direction of arrow "F" in Figs. 18a and 18b.
	(b) Dirt has accumulated in synchronizer and delayed-action device.	Rinse mechanism in pure petrol (gasoline).

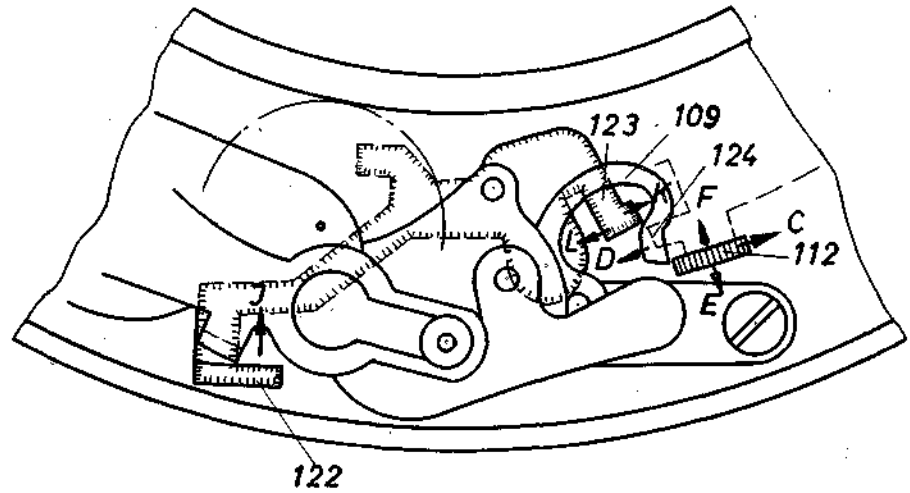


Fig. 18a
(Size 0 Shutter)

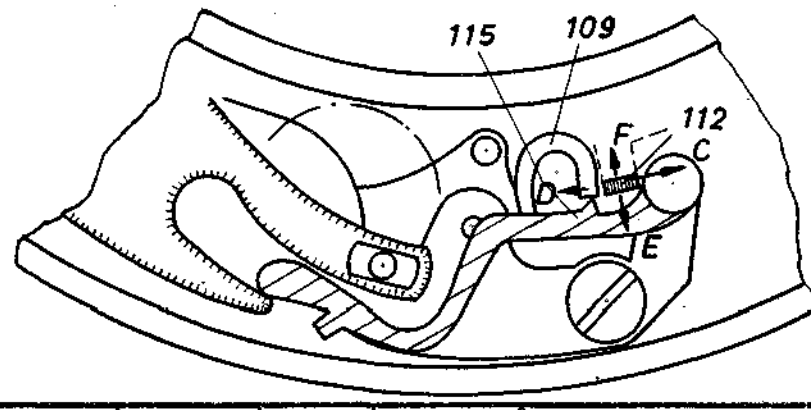
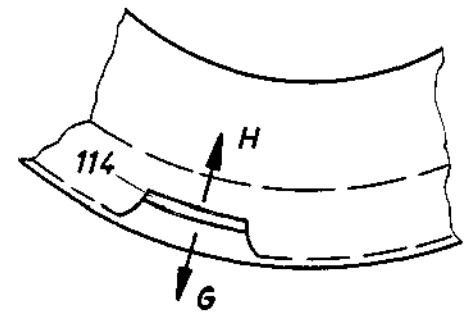


Fig. 18b
(Size 00 Shutter)

TROUBLE	CAUSE	CORRECTION
(3) When the synchro switch ring is set at "X" and "M", the shutter fails to run down upon the release being operated, whereas the delayed-action device and shutter mechanism will run down properly at "V".	Arm 114 has been excessively bent in direction of arrow "G" causing the change-over bridge to be unsufficiently rotated and the two mechanisms to be incompletely uncoupled; this will block the mechanism.	Bend arm 114 in direction of arrow "H" in Fig. 18c (i.e. vertical to drawing plane).  Fig. 18c (Size 0 and 00 Shutter)
(4) Shutter mechanism is not released after synchronizer and delayed-action device has run down.	(a) Mechanism has not run down completely.	(a) Rinse mechanism in pure petrol (gasoline). If this fails to correct the trouble, check the drive spring for proper condition. When spring is distorted, insert a new spring.

TROUBLE	CAUSE	CORRECTION
	(b) Size 0 Shutters: The mechanism has completely run down, but the lug 123 of the supporting lever is bent excessively in the direction of arrow "L", so that the arresting with lug 124 on the drive ring is not released at all. Fig. 18a. To release the lug 124, the supporting lever would have to be swung farther than is permitted by the running-down movement of the synchronizer and delayed-action device. This causes the lug 124 of the drive ring to remain arrested by the lug 123 of the supporting lever.	Bend lug 123 of the supporting lever in the direction of arrow "K", or bend supporting lever arm 122 in the direction of arrow "J", resp. (Fig. 18a)

TROUBLE	CAUSE	CORRECTION
	(c) Size 00 Shutters: Mechanism has completely run down, however the lug 112 of the drive ring is bent excessively in the direction of arrow "E", or the supporting lever with its locking nose 115 is bent excessively in the direction of arrow "F" in Fig. 18b. To release the lug 112, the supporting lever would have to be swung farther than is permitted by the running down movement of the synchronizer and delayed-action device. This causes the lug 112 to remain arrested by the locking lug 115.	(c) Bend that portion of the supporting lever which carries the locking nose in the direction of arrow "E". (Fig. 18b).

TROUBLE	CAUSE	CORRECTION
(5) Upon the release lever being operated, the synchronizer and delayed-action device will run down properly, but the shutter itself runs down at the same time, independent of the running down of the mechanism	(a) Size 0 Shutters: The lug 123 of the supporting lever is bent excessively in the direction of arrow "K" in Fig. 18a, this preventing the lug 124 of the drive ring from being arrested at all.	(a) Bend the lug 123 of the supporting lever in the direction of arrow "L".
	(b) Size 00 Shutters: The lug 112 of the drive ring is bent excessively in the direction of arrow "F", or the supporting lever with its locking nose 115 is bent excessively in the direction of arrow "E" in Fig. 18b, this preventing the lug 112 from being at all arrested by the locking nose 115.	(b) Bend the lug 112 in the direction of arrow "E", or bend that portion of the supporting lever which carries the locking nose 115 in the direction of arrow "F" in Fig. 18b.

8b. TIME SETTING MECHANISM

(1) Instead of the original escapement mechanism used in PRONTOR-S and PRONTOR-SV shutters, a new escapement mechanism for the PRONTOR-SVS shutters size 0 has been developped in the meantime.

The new escapement mechanism, which has the stock number 0345-G20, is shown in plan view in Fig. 19. It will be seen that another escapement has been added to the earlier escapement mechanism, the additional escapement being controlled by the lever 116. A pin 117 carried by this lever co-operates with an additional control cam 118 of the time setting ring.

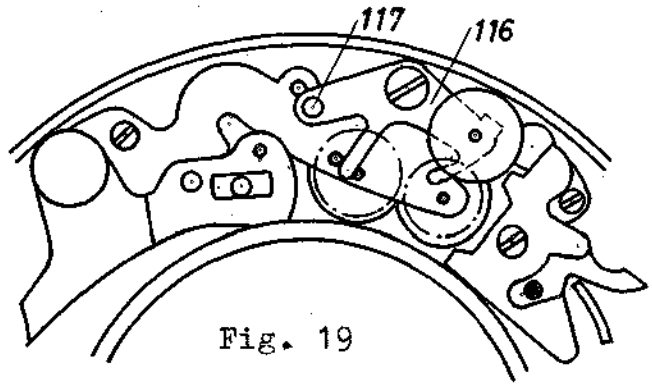


Fig. 19

The time setting ring is shown in Fig. 20a. The control cam 118 has two recesses 118a and 118b which receive the control pin 117 when the shutter is set for 1/10 second or 1 second, respectively. This causes the additional escapement to be rendered operative when one of these two settings is used.

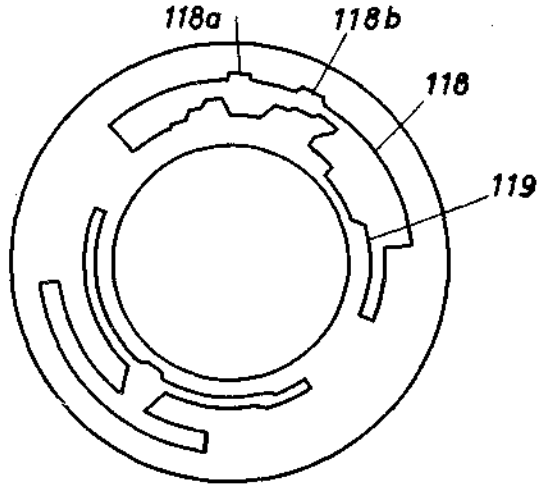


Fig. 20a

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 52

TIME SETTING MECHANISM, cont.

As compared to the time setting ring of earlier design, the control cam 119 controlling the engagement of the anchor has been given a greater length. With the shutter set for 1/10 second, the new escapement will operate without the anchor coming into play; in the case of the earlier escapement, however, the 1/10 second setting was the first setting for which the anchor was rendered operative.

(2) The control cam 120 has been provided for the purpose of rendering the delayed-action device inoperative as soon as the shutter is set for bulb exposures. This control cam co-operates with a bent up arm 121a of the change-over bridge 121 (see Figs. 20b and 20c). With the synchro switch ring set a "V", when the setting ring is set at "B", the control cam 120 must influence the arm 121a in such a manner that the mechanism supported by the change-over bridge is separated from the remainder of the synchronizer and delayed-action device in the same way as is the case with the "X" and "M" settings.

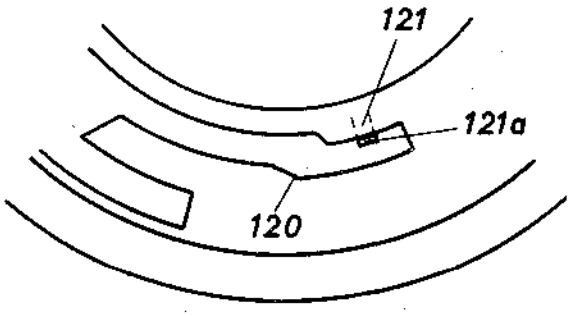


Fig. 20b

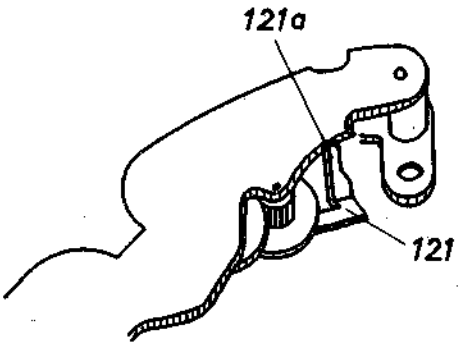


Fig. 20c

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 53

THIRD SUPPLEMENT

to

INSTRUCTIONS ON HOW TO REPAIR

GAUTHIER CAMERA SHUTTERS

- -

This supplement covers the fully synchronized

MODEL PRONTOR-SVS SHUTTER

with

"Linearized" shutter speed and f-stop scales;
Shutter-speed/f-stop coupling; and
Exposure value scale.

- -

CONTENTS

		Sheet
Introductory Remarks on the New PRONTOR-SVS Shutter		55
1b.	Cocking Mechanism (Size 0 shutters only)	56
2a.	Release Mechanism	57
3a.	Escapement Mechanism	58
4c.	Selftimer and Flash Synchronizer	62
5a.	Shutter Blade System (Size 0 shutters only)	74
6a.	Diaphragm System	77
8c.	Shutter Speed setting Mechanism	81
9.	Shutter-Speed/f-stop Coupling	87

Introductory Remarks on the New PRONTOR-SVS Shutter

The new PRONTOR-SVS shutter is a development of the PRONTOR-SVS manufactured thus far. This new version of the well-known shutter model is characterized by the following features:-

1. COMPLETE FREEDOM OF SELECTION --- As has been the case with the earlier version of the PRONTOR-SVS, any of the adjustments, including that of the M-X-V selector lever, may be cancelled even after the shutter has been cocked.

2. BUILT-IN SELFTIMER -- While cocking the shutter will cause the selftimer to be wound simultaneously in the customary manner, the selector lever will only be caught in its "V" position after the shutter has been cocked.

3. AUTOMATIC INDICATION OF SELFTIMER EXPOSURES -- On completion of a selftimer exposure, the selector lever will be automatically returned from "V" to "X".

4. SHUTTER-SPEED/F-STOP COUPLING -- In size 00 shutters, the shutter speed setting ring is normally coupled to the diaphragm setting ring. If it is intended to set the shutter speed and f-stop separately, it is necessary to depress the coupling lever.

Size 0 shutters have a shutter-speed/f-stop coupling that can be selectively engaged and disengaged; in other words, the coupling will remain either engaged or disengaged after the coupling lever has been set at the desired position and left in that position.

5. EXPOSURE VALUE SCALE -- The exposure value scale (red numerals) is provided either on the f-stop or shutter speed setting ring. The desired exposure value is selected by setting the index mark provided on the respective other ring opposite the desired value.

1b. Cocking Mechanism

After size 0 shutters had been manufactured for several months, it became necessary, due to difficulties arising from material properties, to modify the cocking spring assembly.

The modified assembly is characterized by the fact that the lower extension of the bearing sleeve mounted on the cocking lever is now omitted, and that the cocking lever 301, when assembled in position, rests on a roller 0345-437 which is surrounded by the cocking lever spring 0475-147.

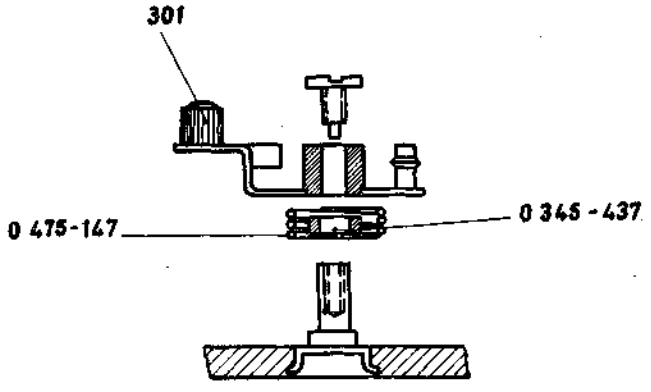


Fig. 1

Exploded side view of cocking lever spring assembly

0345-437 - Roller
0475-147 - Cocking Lever Spring

2a. Release Mechanism

In the new PRONTOR-SVS model (size 0), the finger-operated release lever, in addition to its function of releasing the shutter, has the function of unlocking the change-over bridge member 210 (see Fig. 11, page 64) of the selftimer.

Further details on this point as well as on an error likely to occur during repair work, i.e.

> "After the shutter is released,
> the release lever will not re-
> turn to its original position"

will be found in Sheets 63, 64 and 71 of Section 4c. (Selftimer and Flash synchronizer).

3a. Escapement Mechanism

NOTE: For sizes 00 and 0 of the new PRONTOR-SVS having a linear shutter speed scale, we have developed new escapements which are dealt with in detail in the following sheets.

1. Size 00 Shutter

a. The primary feature of the new escapement is the fact that two different escapement levers are provided for cooperation with the star wheel, these levers being selectively engageable as described in Sheets 81 and 82 (Shutter Speed Setting Mechanism).

b. During the initial period of approximately twelve months, during which the new shutters were made, the escapement 00381-G20 was used.

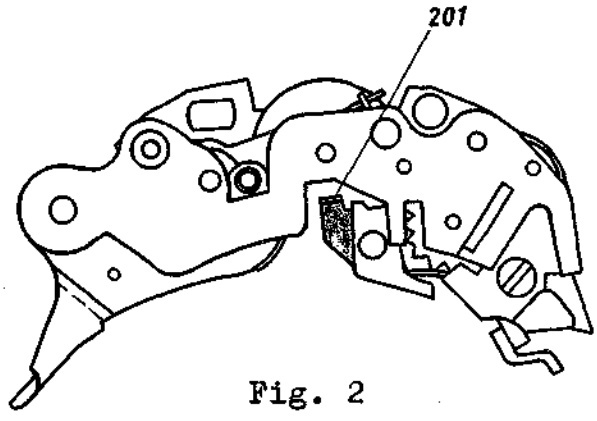


Fig. 2
Plan View of Escapements 00381-G20 and 00475-G20

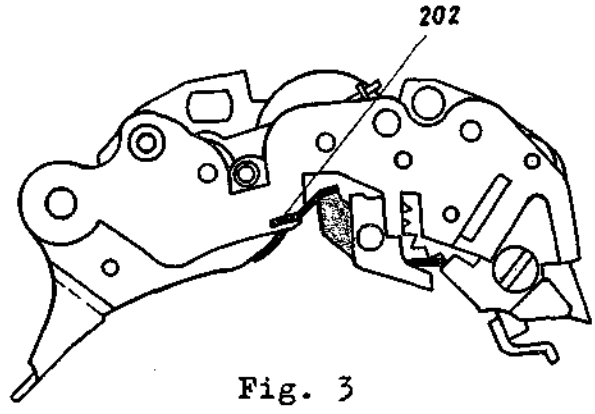


Fig. 3
Plan View of Escapements 00475-G20.1 & 00476-G20

c. In the case of the escapement 00381-G20 there existed the risk of one or both of the two levers could be bent out of shape by improper handling of the shutter, i.e. by changing the position of the speed setting ring during the running-down of the shutter (only possible during playful tampering). In order to eliminate this source of trouble, the escapement 00381-G20 has been replaced by the escapement 00476-G20 which includes a modified speed setting ring as explained in Sheet 84 (Shutter Speed Setting Mechanism).

These two escapements differ primarily in that in the escapement 00476-G20 the arm of the smaller lever has been given a greater length. In Figs. 2 to 5, the lever of the escapement 00381-G20

Escapement Mechanism, cont.

is identified by the reference number 201, whereas that of the escapement 00476-G20 is identified by the reference number 202. In the case of escapement 00476-G20, if this is fitted with the appropriate setting ring, it is now possible to operate the setting ring at random, even while the shutter is operating, without any risk of damaging the escapement levers.

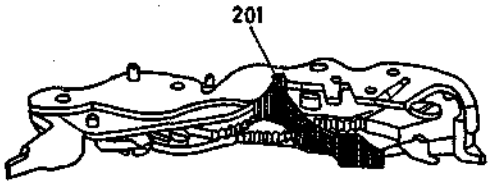


Fig. 4
Perspective View of Escapements 00381-G20 & 00475-G20

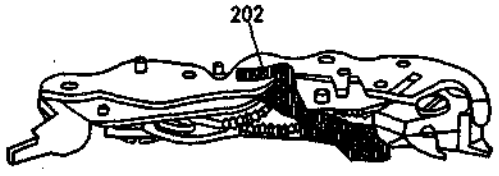


Fig. 5
Perspective View of Escapements 00475-G20.1 & 00476-G20

d. Important Hints

1. There is no difference between the escapements 00381-G20 and 00476-G20 as regards the manner in which they are inserted and mounted in position. However, these escapements may only be exchanged if the setting ring is exchanged at the same time (see Para. 3, Sheet 60).

2. Besides the escapements 00381-G20 and 00476-G20 there exist the escapements 00475-G20 and 00475-G20.1 which are almost completely identical with the former, the only difference residing in the shape of the lower mounting plate (Figs. 5a and 5b). The escapements 00381-G20 and 00476-G20 are used in all shutter models having a flash contact terminal on their rear side, whereas the escapements 00475-G20 and 00475-G20.1 are used in shutters having a contact nipple on their periphery.

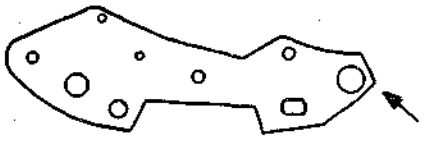


Fig. 5a
Plan View of Lower Mounting Plate of Escapements 00476-G20 and 00381-G20

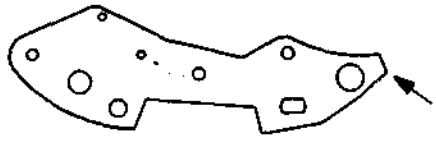


Fig. 5b
Plan View of Lower Mounting Plate of Escapements 00475-G20.1 and 00475-G20

The portions in which these two plates differ is indicated by arrows in the above diagrams.

Escapement Mechanism, cont.

3. In view of Para. D.1., Sheet 59, and in order to ensure in a simple manner that the proper setting ring will be supplied, repair shops are herewith requested, whenever ordering an escapement 00475-G20.1 or 00476-G20 as a replacement, also to send in the associated setting ring.

2. Size 0 Shutter

a. The main feature of this new model is the fact that it has two separate lever escapements.

b. During a first period of manufacture which lasted for more than one year, the escapement 0475-G20 was used. A variety of styles of this escapement were used; they can be distinguished by the different appearance of the parts of the lever escapement arranged on the upper plate. These differences result from the fact that some parts are black-finished, while others are chrome-plated or made of bronze. All of these escapements are interchangeable at random. The mode of operation of the escapement is described on Sheet 85 (Shutter Speed setting Mechanism).

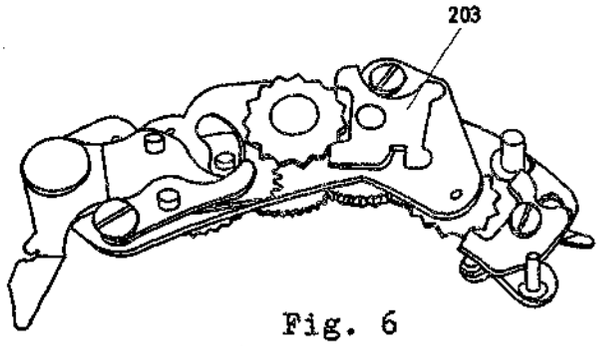


Fig. 6
Plan View of Escapement 0475-G20

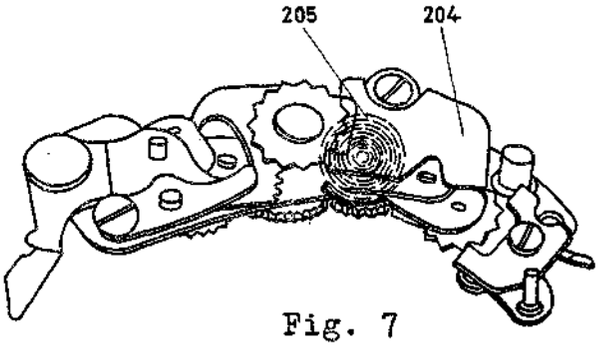


Fig. 7
Plan View of Escapement 0475-G20.1

c. In order to permit of easier adjustment of the various shutter speeds, the escapement 0475-G20 shown in Fig. 6 has been replaced by the escapement 0475-G20.1 shown in Fig. 7. The latter differs from the former in that the escapement lever mounted on the upper plate is of different design and that a spiral return spring 205 has been provided between the upper plate of the movement and the plate carrying the upper escapement lever.

Escapement Mechanism, cont.

In Figs. 6 and 7, the levers of the escapements 0475-G20 and 0475-G20.1 are respectively indicated by the reference numbers 203 and 204.

d. Important: The two escapements 0475-G20 and 0475-G20.1 are fully interchangeable in the shutters.

4c. Selftimer and Flash Synchronizer

NOTE: The new PRONTOR-SVS, which is available in two sizes, is fitted with a redesigned selftimer which is described below.

1. Size 00 Shutter

a. The new selftimer of the PRONTOR-SVS differs from its forerunner in that an additional lever is provided on the under side of the lower mounting plate. This lever, which is indicated by the reference numeral 206 in Fig. 8, is in positive engagement with the change-over bridge member 207.

b. The lever 206 is arranged to be operated by a control pin 208 (Fig. 9) carried by the drive ring in such a manner that, with the shutter inoperative, the change-over bridge 207 is also inoperative. During its short travel from its rest position up to the point of release, the pin 208 will unlock the lever 206, so that, with the change-over ring set at "V", the disengageable gear wheel 302 carried by the change-over bridge will be brought into mesh with the gear wheel 303 which is operatively connected with the remainder of the mechanism. Fig. 9 illustrates the proper position of the parts involved, i.e. the complete engagement between the gears 302 and 303 immediately before the movement is released by the locking lever 109.

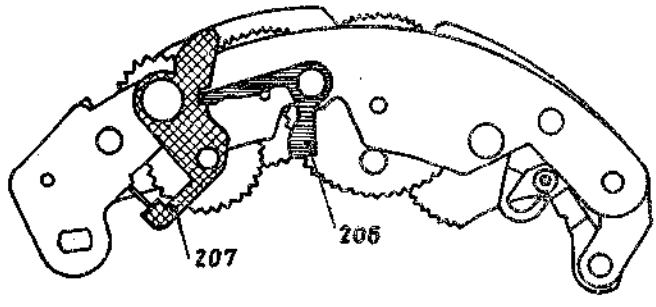


Fig. 8

Selftimer 00375-G49
Underneath View of
Lower Plate

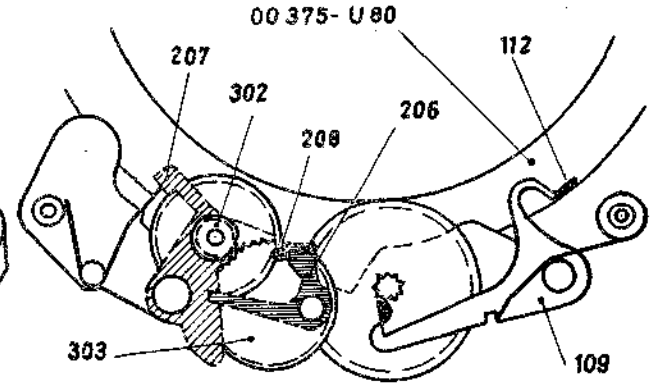


Fig. 9

Selftimer 00375-G49
Position immediately
before Release

00375-U80: Drive Ring
112: Lug on Drive Ring
109: Locking Lever (see p.42)

Selftimer and Flash Synchronizer, cont.

With the settings "X" or "M", however, the cooperation between the control pin 208 and the lever 206 is of no consequence, as in these cases the lug 314 on the change-over ring (see Sheet 48) will have disengaged the change-over bridge.

c. The new selftimer 00375-G49 is <u>not</u> interchangeable with the selftimer 00345-G49 of earlier design.

d. Arranged on the upper plate of the selftimer is a two-armed lever 00375-U543 which serves as a detent keeping the shutter speed setting ring in its respective definite position (for details on the functioning of this lever, refer to Sheet 84, Shutter Speed Setting Mechanism). The detent lever 00375-U543 is pivoted on the trunnion screw 00375-443 which also serves to hold the selftimer mechanism in position. The lever 00375-U543 is supported from the wall of the shutter casing by the spring 00375-546.

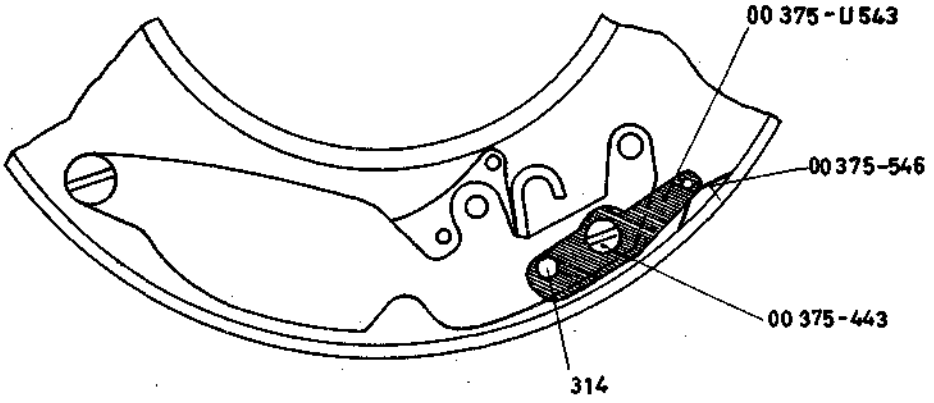


Fig. 10

Plan View of Selftimer Upper Plate with Detent Lever 00375-U543

00375-443: Trunnion screw
00375-U543: Detent Lever
00375-546: Spring
314: Rivet on Detent Lever

<u>2. Size 0 Shutter</u>

a. The new selftimer differs from the selftimer of earlier design by the provision of an additional lever 209 (Fig. 11) on the under side of the lower carrier plate. This lever, which func-

Selftimer and Flash synchronizer, cont.

tions as a locking lever, cooperates with the change-over bridge 210 on the one hand and with the lug 211a of the release lever on the other (see Figs. 12 and 13).

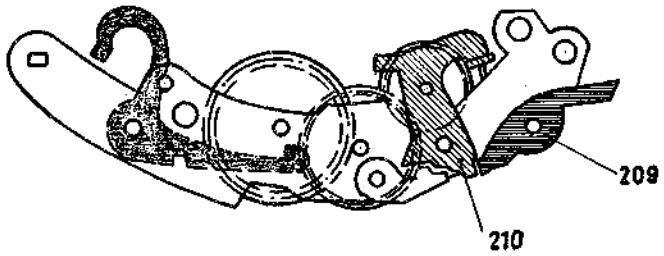


Fig. 11
Plan View of Lower Plate
of Selftimer 0475-G54

b. Lever 209 cooperates with the change-over bridge and the release lever in the following manner: Upon the release lever 211 being depressed, its arm 211a will swing the locking lever 209 round, thus releasing the change-over bridge (Fig. 12).

With the shutter in its "M" or "X" position, this will be of no consequence, the lug 114 (see Sheet 48) of the change-over ring keeping the change-over bridge disengaged, whereas in the "V" position the pinion 304 carried by the change-over bridge will be brought into mesh with the first gear wheel 305 of the remaining mechanism under the influence of the changeover-bridge spring.

As soon as the drive ring, during its shutter opening movement following the running-down of the selftimer, reaches a position in which the shutter blades are fully open, the lug 212 carried by the drive ring will strike the arm 210a of the change-over bridge, swinging the bridge around so that the latter can again be locked by the locking lever 209 engaging the nose 210b of the bridge member.

Selftimer and Flash Synchronizer, cont.

d. The new selftimer 0475-G54 is <u>not</u> interchangeable with any of the selftimers of earlier design.

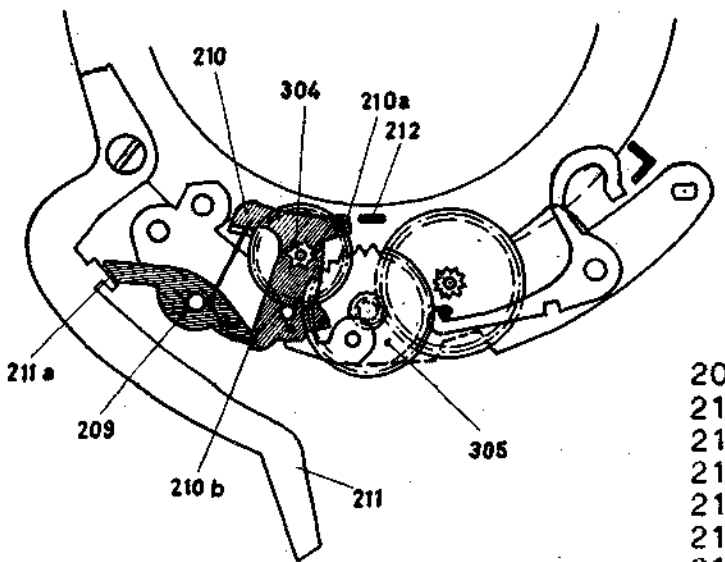


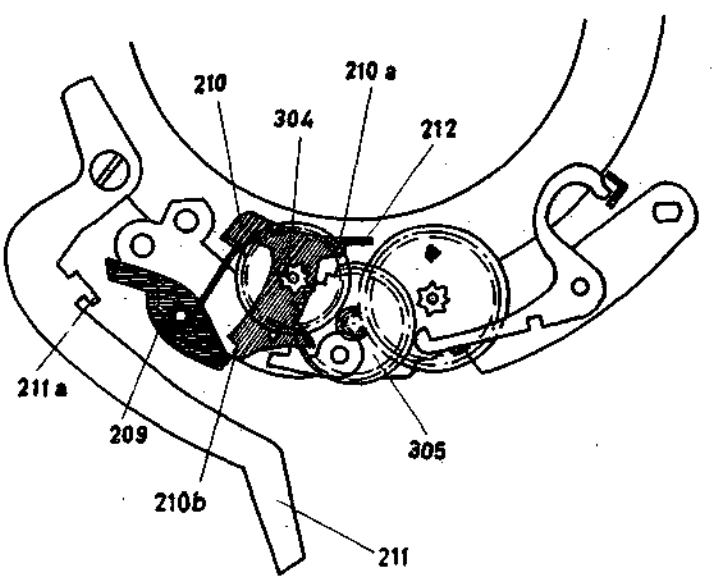
Fig. 12

Plan View of Selftimer with change-over bridge still locked in position

209	Locking Lever
210	Change-Over Bridge
210a	Change-Over Bridge Arm
210b	Change-Over Bridge Nose
211	Release Lever
211a	Release Lever Lug
212	Drive Ring Lug
304	Disengageable Pinion
305	Gear Wheel

Fig. 13

Plan View of Selftimer Iug 212 is just striking arm 210a of change-over bridge so that the latter is locked in position by lever 209 engaging nose 210b of change-over bridge.



Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 65

Selftimer and Flash Synchronizer, cont.

3. A Special Feature

of the new PRONTOR-SVS is to be seen in the fact that the selector lever will be automatically returned from "V" to "X" upon a selftimer exposure being completed. This automatic resetting operation is effected as follows:-

a. Size 00 Shutter

The spring 00475-541 (see Fig. 14), which, while housed in the shutter casing, engages the change-over ring tends to hold the latter in its "X" position.

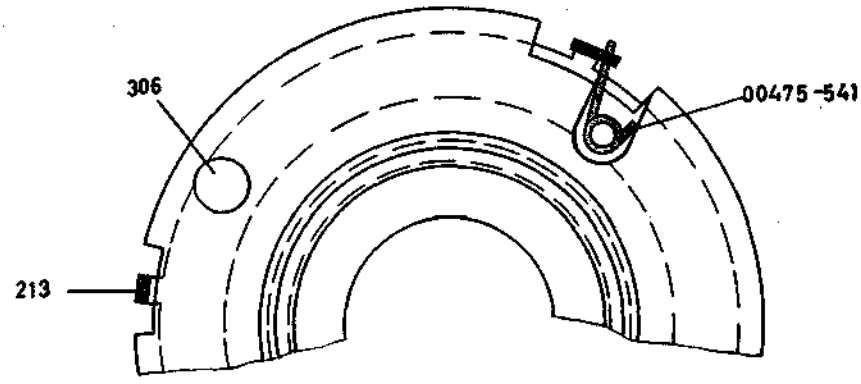


Fig. 14

00475-541	Spring
306	Cocking Lever Pivot

Cocking the shutter will cause the lug of the cocking lever to release the detent spring 00475-538. The latter cooperates with an upturned lug 213 on the change-over ring in such a manner that, when the change-over ring is moved from "X" to "V" with the shutter cocked, a shoulder 214 (Fig. 15) provided in the spring is engaged with the rear face of lug 213 so as to retain the change-over ring in its "V" position against the action of spring 00475-541. Upon the exposure being completed, the cocking lever will return to its original position, swinging the free arm of the spring towards the wall of the shutter casing, thus causing the lug 213 of the change-over ring to be disengaged from the shoulder of the detent spring, so that the spring 00475-541 can return the change-over ring to its "X" position.

Selftimer and Flash synchronizer, cont.

With the shutter in its non-cocked condition, the detent spring rests against the wall of the shutter casing. To ensure proper engagement, there should be a clearance of approximately 0.1 mm. or .004" between the offset portion of the spring 00475-538 and the wall of the shutter casing (see Fig. 16).

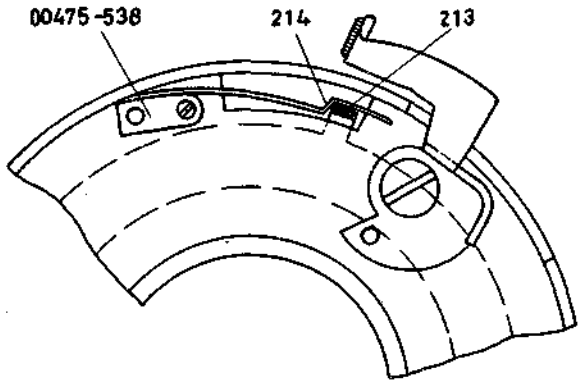


Fig. 15

Position of detent spring with shutter cocked. Lug 213 is engaged behind shoulder 214.

00475-538 Detent Spring

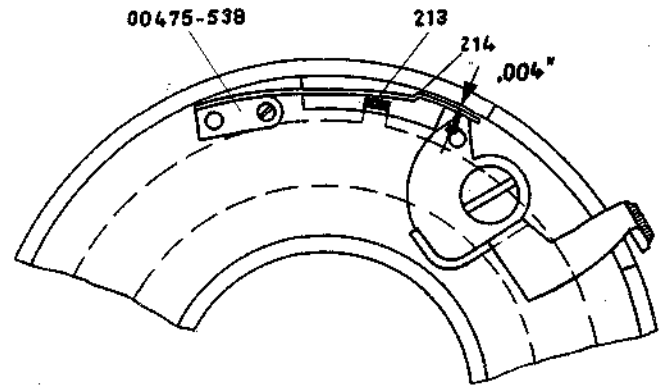


Fig. 16

Position of detent spring with non-cocked shutter. The point of the cocking lever urges the spring 00475-538 towards the wall of the shutter casing.

b. Size 0 Shutter

In size 0 shutters, a detent lever 0475-386 is employed instead of a detent spring. This lever is engaged by the free end of the cocking lever spring, so that the long arm of the lever, with the shutter cocked, is urged against an upstanding pin 106 as shown in Fig. 19. With the shutter uncocked, however, the bevelled pin carried by the cocking lever engages the short arm of the detent lever, so that the long arm of the lever is swung away from the pin against the action of the cocking lever spring (see Fig. 18). The automatic return from "V" to "X" is effected by a spring 0475-375 (Fig. 17) provided in the shutter casing and arranged to engage the change-over ring so as to tend to retain the ring in its "X" position.

The change-over ring carries an upturned lug 213 having a slot in which the nose 215 of the detent lever 0475-386 is engaged upon the shutter being cocked and the change-over ring being set at "V".

Selftimer and Flash Synchronizer, cont.

Upon completion of an exposure, the cocking lever will return to its original position, urging its pin against the detent lever and thus urging the latter away from the pin 106 against the action of the spring (see Fig. 18). This causes the nose 215 to leave the slot in lug 213, so that the change-over ring is free to be returned to its "X" position by spring 0475-375.

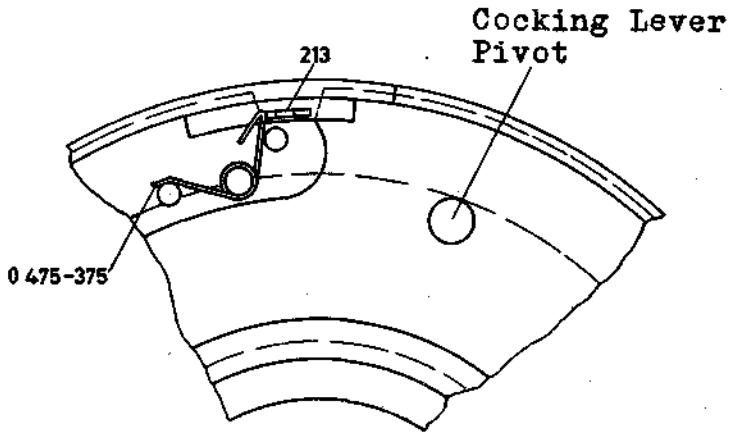


Fig. 17
Plan View of Arrangement of Spring 0475-375

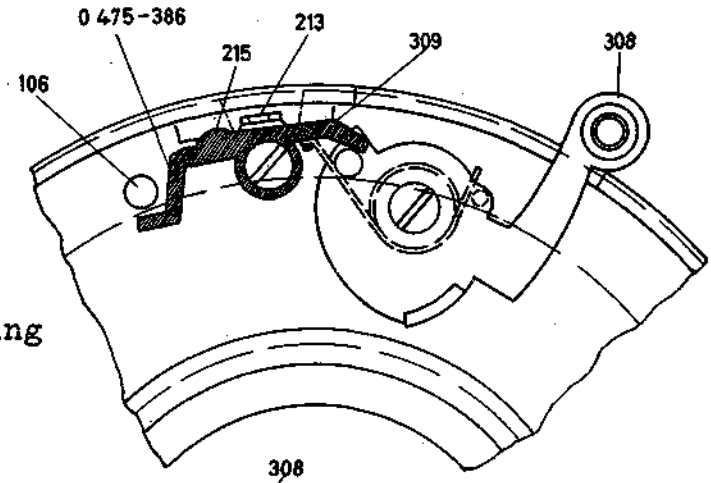


Fig. 18
Shutter Uncocked

0475-386	"V" Detent Lever
308	Cocking Lever
309	Cocking Lever Spring

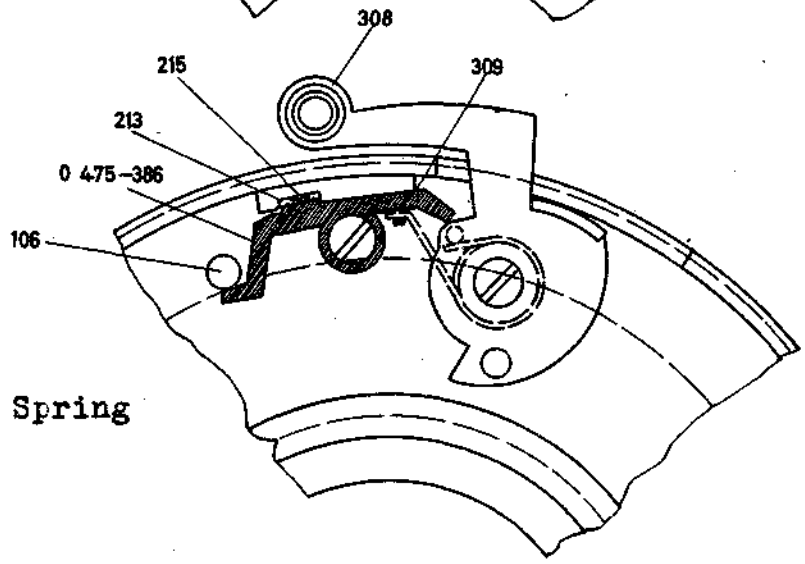


Fig. 19
Shutter Cocked and in "V" Position

0475-386	"V" Detent Lever
308	Cocking Lever
309	Cocking Lever Spring

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 68

SIZE 00 SHUTTER

TROUBLE	CAUSE	CORRECTION
1. With shutter in "V" position, depressing the release will not cause the selftimer to run down, the shutter being opened immediately.	The teeth of the hollow pinion 302 of change-over bridge 207 come too late into mesh with the driving gear. Thus the cocking lever is released before the change-over bridge has coupled the two sections of the selftimer. Therefore, the shutter operates as if in the "X" or "M" position.	Provide for shutter to operate as described in Para. 1b on Sheet 62, i.e. in such a manner that the hollow pinion 302 and the gear wheel 303 are in full mesh before locking lever 109 releases the movement.
2. With the shutter cocked, the M-X-V selector lever is not caught in its "V" position.	The shoulder 214 of detent spring 00475-538 does not properly engage the rear face of lug 213, as the clearance of approx. .1 mm. or .004" has not been provided (cf. Fig. 16 on Sheet 67).	Provide for clearance of approx. .1 mm. or .004" between detent spring 00475-538 and inner periphery of shutter casing wall.

SIZE 00 SHUTTER

TROUBLE	CAUSE	CORRECTION
3. After the shutter has been released in its "V" position, the M-X-V selector lever will not return to its "X" position.	The detent spring 00475-538 is prevented by lug 213 to return to its original position.	Para. 2 on the preceding sheet is applicable.

SIZE 0 SHUTTER

TROUBLE	CAUSE	CORRECTION
1. Upon the shutter being released, the release lever will not return to its original position.	Upon the release lever being depressed, its nose 211a jams against lever 209.	Bend nose 211a for proper cooperation with lever 209 in such a manner that the latter has not yet reached its extreme position when release lever 211 has been depressed as far as it will go; a sufficient safety margin for this condition to be satisfied is provided if it is possible, using a pair of tweezers, to move lever 209 by its rivet 209a for an extra 0.2 mm. or .008" (see Fig. 19a).

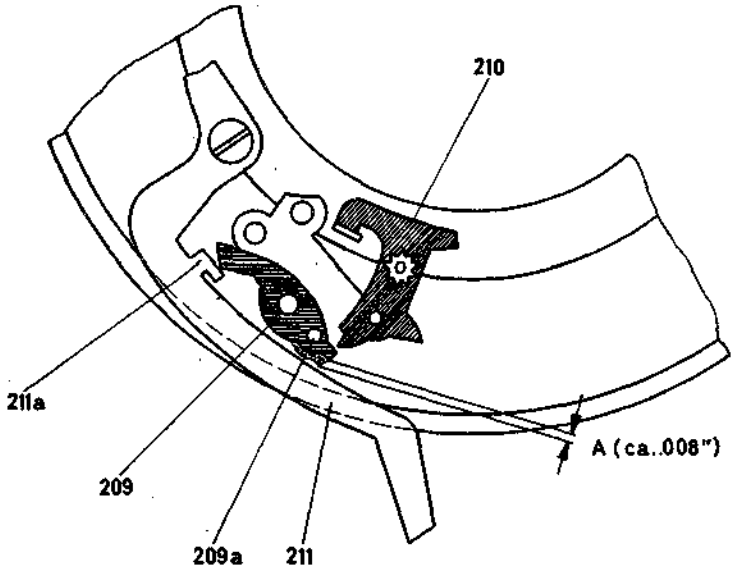


Fig. 19a
Release lever 211 has been depressed as far as it will go, but lever 209 has not yet reached its extreme position.

2. With the shutter cocked, the M-X-V selector lever is not caught in its "V" position.	Nose B of "V" position detent lever 0475-386 fails completely or partially to engage in the rectangular notch of lug 213 (see Fig. 19b).	Bend extension C (Fig. 19b) of detent lever 0475-386 in such a manner that with the lever engaging the upstanding pin 106 the nose B of the lever engages in the notch of lug 213 to a sufficient depth,

SIZE 0 SHUTTER

TROUBLE	CAUSE	CORRECTION
		but not so deep as to impede the return movement of lug 213.

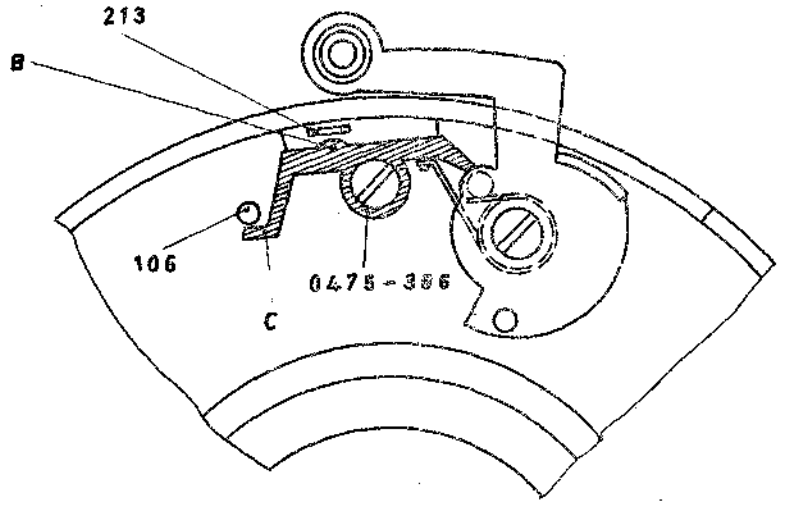


Fig. 19b

Nose B of detent lever 0475-386 cannot engage in the slot of lug 213, as the extension C of the detent lever comes too early into contact with the upstanding pin 106.

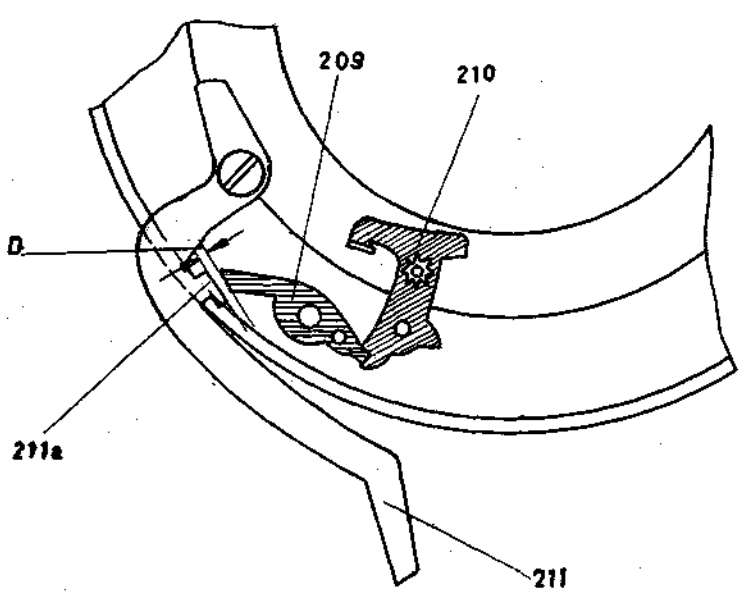
3. With shutter in "V" position, depressing the release will not cause the selftimer to run down, the shutter being opened immediately.	Due to excessive lost motion D (fig. 19c) between nose 211a and lever 209 at the moment the release lever 211 is depressed, it is not until the release of the cocking lever and hence the selftimer that the change-over bridge 210 is released. Thus, the front section of the selftimer (synchronizer) will have run down before the change-over bridge has coupled the two sections of the	Bend nose 211a of release lever 211 to provide for proper functioning, i.e. in such a manner that the change-over bridge 210 is unlocked before the cocking lever is released.

SIZE 0 SHUTTER

TROUBLE	CAUSE	CORRECTION
	selftimer. Therefore, the mechanism will operate in the same manner as in its "X" or "M" position.	

Fig. 19c

There exists an excessive lost motion D between nose 211a and locking lever 209.



5a. Shutter Blade system

1. For use in Size 0 PRONTOR-SVS shutters we have developed reinforced shutter blades. Shutters fitted with these reinforced blades bearing the number 0475-U130 can be identified in general by the fact that the serrations provided on the periphery of the shutter casing are interrupted, as shown in Fig. 20, by a central plain strip 216 or by the fact that the periphery of the casing shows only a single groove.

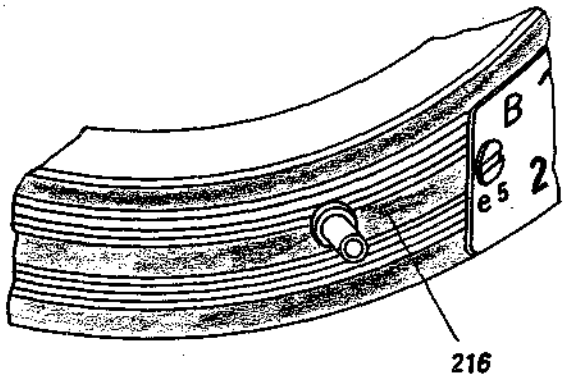


Fig. 20
Fragmentary View of Periphery of Shutter Casing showing Plain Strip between Grooves

Another distinguishing feature of all of these shutters, including those having no peripheral grooves, is a circular groove provided on top of the mounting plate as shown at 217 in Fig. 21.

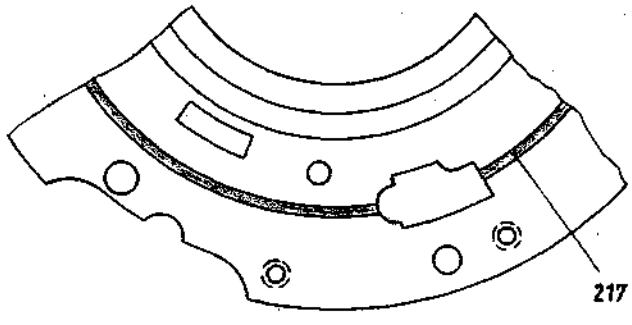


Fig. 21
Plan View of Mounting Plate Upper Side with Identification Groove 217.

2. The shutter blades are reinforced with a plate P surrounding the pivot hole and riveted in position (see Fig. 22). The fact should be noted that in <u>four</u> blades the reinforcing plate is on the upper side, whereas in the <u>fifth</u> blade it is on the under side. Please, be sure to order <u>four</u> blades 0475-U130 and <u>one</u> blade 0475-U130a.

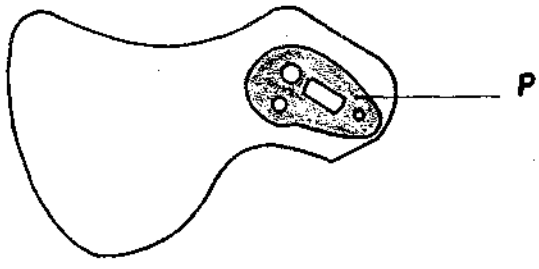


Fig. 22
Plan View of Blade 0475-U130

Shutter Blade System, cont.

Fig. 23 shows the position of the fifth shutter blade in its assembled position. With the shutter viewed in the direction of its axis, this blade is nearest the diaphragm cover plate.

Another feature indicating the proper position of the fifth blade is the milled recess 218 (Fig. 24) of large diameter surrounding the pivot screw of the fifth blade.

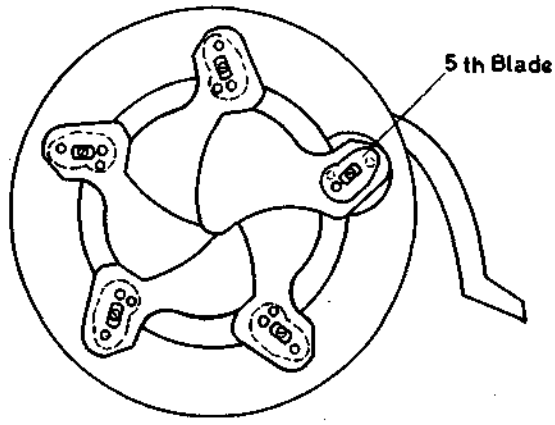


Fig. 23
Arrangement of Shutter Blades, particularly of the Fifth Blade 0475-U130a

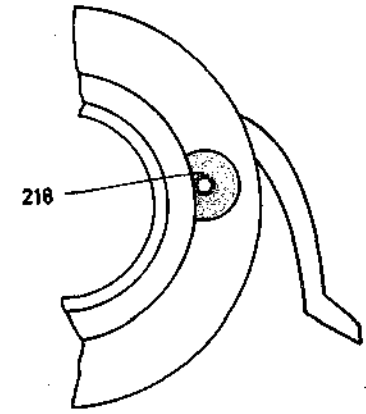
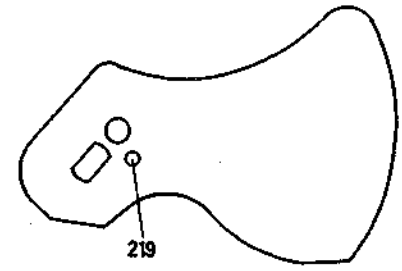


Fig. 24
The Large-Diameter Milled Recess surrounding the Pivot Screw of the Fifth Blade

3. At a later time the availability of a more suitable grade of sheet steel for shutter blades made it possible to dispense with the reinforcing plates 0475-334. The shutter blades made of this new material and having no reinforcing plates are clearly identified by an extra hole 219 as shown in Fig. 25.

Fig. 25
Shutter Blade of New Design having no Reinforcing Plate
Stock No. 0475-130.1



Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 75

Shutter Blade system, cont.

4. IMPORTANT: Please note the fact that the reinforced shutter blades 0475-U130 are not interchangeable with the non-reinforced shutter blades 0475-130.1 identified by the hole 219.

6a. Diaphragm System

Introductory Remarks

1. Whereas the former PRONTOR-SVS shutters had ten diaphragm blades, the number of blades has been reduced in the new shutters as follows: Size 00 shutters have five diaphragm blades, and Size 0 shutters have eight diaphragm blades.

2. In conjunction with the adoption of a linear f-stop scale, the diaphragm blades for the new shutter versions have been redesigned as shown in Figs. 26 and 27 below.

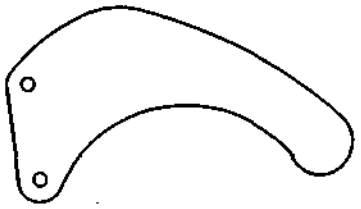


Fig. 26
Diaphragm Blade 00375-U5
for Size 00 Shutters

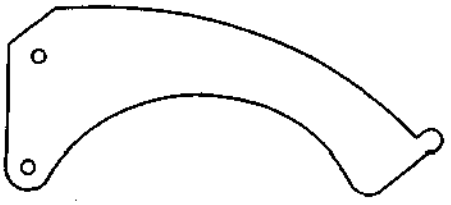


Fig. 27
Diaphragm Blade 0475-U5
for Size 0 Shutters

Shown below in Figs. 28 and 29 are the diaphragm blade control rings for Size 00 and 0 shutters.

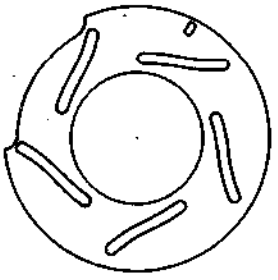


Fig. 28
Control Ring 00475-8
for Diaphragm Blades 00375-U5

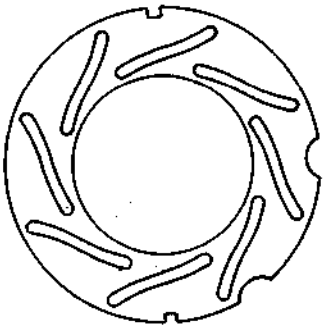


Fig. 29
Control Ring 0475-8
for Diaphragm Blades 0475-U5

Diaphragm System, cont.

3. Size 0 shutters fitted with reinforced shutter blades 0475-U130 have the diaphragm cover plate 0475-U10.1 shown in Fig. 30 below.

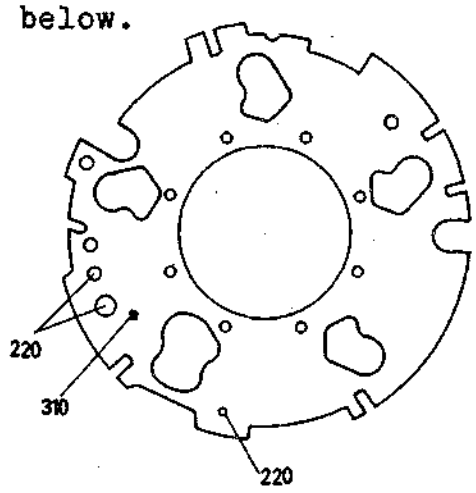


Fig. 30
Diaphragm Cover Plate 0475-U10.1 for use with Reinforced Shutter Blades 0475-U130

IMPORTANT: Figs. 31 and 32 respectively show two different types of diaphragm cover plates used earlier, i.e. the plates 0475-10 and 0475-10.1. The cover plate 0475-U10.1 differs from those of Figs. 31 and 32 in that it has the two holes 220 and the rivet 310 shown in Fig. 30. The diaphragm cover plates 0475-10 and 0475-10.1 are interchangeable with the cover plate 0475-U10.1.

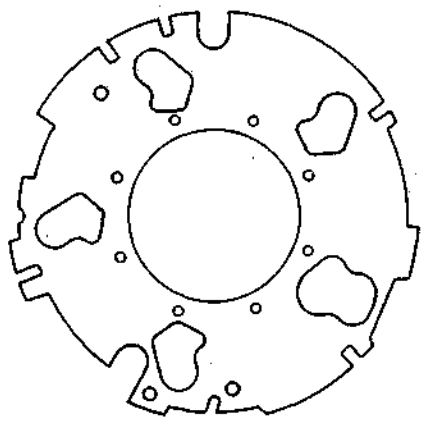


Fig. 31
Diaphragm Cover Plate 0475-10

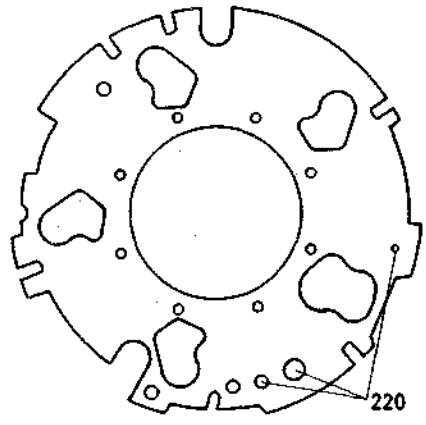


Fig. 32
Diaphragm Cover Plate 0475-10.1

Please, be sure invariably to order diaphragm cover plates 0475-U10.1 as replacement parts.

It is only for use with shutters having shutter blades 0475-130.1 (Sheet 75) that the diaphragm cover plate 0475-U10.2 shown in Fig. 33 has been designed.

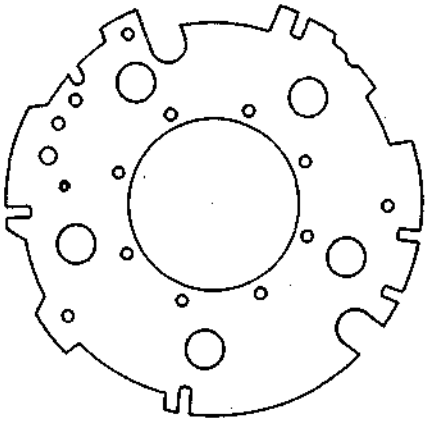


Fig. 33
Diaphragm Cover Plate 0475-U10.2
for Shutter Blades 0475-130.1

The above diaphragm cover plate is <u>not</u> interchangeable with the cover plates mentioned on the preceding sheets.

4. In conjunction with the special design of the shutter-speed/diaphragm coupling of <u>Size 0</u> shutters, these are provided with a tilting detent member permitting f-stops to be selected in increments of one-half units. The detent mechanism comprises a detent lever 311 carrying a cam 311a which is urged into engagement with serrations provided on the circumference of the diaphragm cover plate, for which purpose the lever is biased by a spring 0475-379.

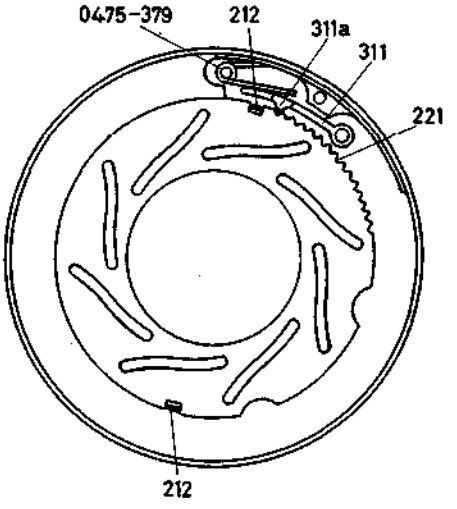


Fig. 34 - Diaphragm Cover Plate with Detent Lever

<u>NOTE:</u> During an initial period, the tilting detent was not provided, the cover plate 0475-8 being used (see sheet 77).

5. In contrast to earlier shutter models, the diaphragm indicator ring is mounted on the rear of the shutter. In <u>Size 00</u> shutters, the diaphragm indicator ring 00475-U7 can be removed after the three guide screws 00475-575 have been undone. The diaphragm indicator ring carries a rivet which engages in a bore provided in the diaphragm cover plate.

In <u>Size 0</u> shutters, the place of the above-mentioned guide screws is taken by three guide plates 0475-368 with screws 00280s-176 which hold the diaphragm indicator ring 0475-7 in position.

Diaphragm System, cont.

The upturned drive lugs 212 of the diaphragm indicator ring (see Fig. 34) engage in recesses of complementary rectangular shape in the diaphragm cover plate, thus providing a positive connection between these two parts.

8c. Shutter Speed Setting Mechanism

Introductory Remarks

A. Size 00 Shutters

1. In the Section 3a (Escapement Mechanism), the fact has already been mentioned that two selectively operable escapement levers are associated with the star wheel. Therefore, the shutter speed setting ring of the new shutter model has to cooperate with these two levers. For this purpose the speed setting ring as shown in Figs. 35a and 35b on Sheet 83 has been provided with a cam slot 223.

2. During an initial period of manufacture of the new shutter, the following operative relation existed between the movement, the escapement levers and the shutter speeds:-

Shutter Speed sec.	Geared Escapement	Small Lever	Large Lever
1/300	Inoperative	Inoperative	Inoperative
1/125	Operative	Inoperative	Inoperative
1/60	Operative	Inoperative	Inoperative
1/30	Operative	Operative	Inoperative
1/15	Operative	Operative	Inoperative
1/8	Operative	Inoperative	Operative
1/4	Operative	Inoperative	Operative
1/2	Operative	Inoperative	Operative
1	Operative	Inoperative	Operative

Table 1

The shutter speed setting ring used in the case of Table 1 is shown in Fig. 35a; the escapement 00381-G20 was used in connection with this setting ring.

Shutter Speed Setting Mechanism, cont.

3. In due time, while the escapement 00381-G20 was retained, a different relationship between the two escapement levers and the various shutter speeds was adopted; in other words, the small escapement lever is operative at 1/30, 1/15 and 1/8 sec., the large escapement lever being operative at 1/4 sec. and more. While this relationship is shown in Table 2 below, Fig. 35b shows the corresponding shutter speed setting ring.

Shutter Speed sec.	Geared Escapement	Small Lever	Large Lever
1/300	Inoperative	Inoperative	Inoperative
1/125	Operative	Inoperative	Inoperative
1/60	Operative	Inoperative	Inoperative
1/30	Operative	Operative	Inoperative
1/15	Operative	Operative	Inoperative
1/8	Operative	Operative	Inoperative
1/4	Operative	Inoperative	Operative
1/2	Operative	Inoperative	Operative
1	Operative	Inoperative	Operative

Table 2

4. A third type of shutter speed setting ring is required in cases in which the escapements 00475-G20.1 or 00476-G20, respectively, are used. See also Para. 1c, Sheet 58 (Escapement Mechanism). This setting ring 00375-137.1 is shown in Fig. 36 on Sheet 84.

5. <u>IMPORTANT:</u> Where it is intended to interchange the various escapements, it will also be necessary to exchange the speed setting rings also.

Shutter Speed Setting Mechanism, cont.

The shutter speed setting rings shown in Figs. 35a and 35b differ at the points A, B and C.

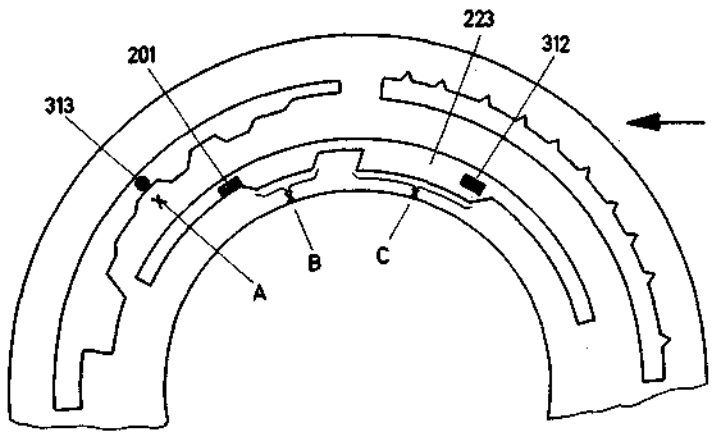


Fig. 35a

Fragmentary View of Setting Ring for Escapement 00381-G20

Setting for 1/8 sec.

312 Arm of Large Lever

313 Escapement Control Pin

201 Arm of Small Lever

223 Cam Slot for the Two Escapement Levers

Fig. 35b

Fragmentary View of Modified Setting Ring for Escapement 00381-G20

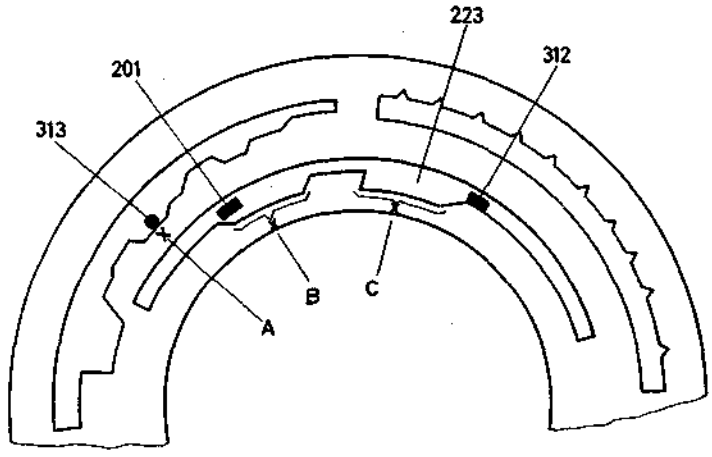
Setting for 1/8 sec.

312 Arm of Large Lever

313 Escapement Control Pin

201 Arm of small Lever

223 Cam Slot for the Two Escapement Levers



When ordering setting rings, please state which design (Fig. 35a or Fig. 35b) is involved.

Shutter Speed Setting Mechanism, cont.

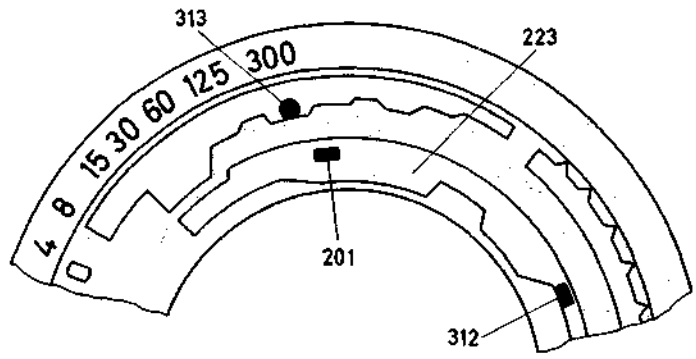


Fig. 36

Fragmentary View of Setting Ring 00375-137.1 for escapements 00475-G20.1 and 00476-G20

Setting for 1/8 sec.

201 Arm of Small Lever

312 Arm of Large Lever

313 Escapement control Pin

223 Cam Slot for the Two Escapement Levers

6. All shutter speed setting rings are arranged to be caught in the positions corresponding to the indicated shutter speeds. For this purpose, the shutter speed setting rings have a set of detent notches which cooperate with the rivet 314 of detent lever 00375-U543 (see Fig. 37 below and Sheet 63 (Selftimer and Flash Synchronizer).

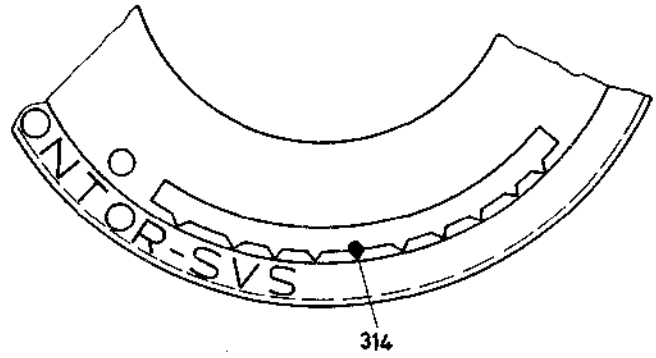


Fig. 37

Rivet 314 Cooperating with Detent Notches

B. Size O Shutters

1. The design of the escapement of Size O shutters is shown in the illustrations of the "Escapement Mechanism" section. Table 3 on the following sheet shows the relationship between the escapement parts and the various shutter speeds.

Shutter Speed Setting Mechanism, cont.

Shutter Speed sec.	Lever Escapement on Upper Plate	Lower Geared Escapement	Lever of Lower Geared Escapement
1/300	Inoperative	Inoperative	Inoperative
1/125	Operative	Inoperative	Inoperative
1/60	Operative	Inoperative	Inoperative
1/30	Operative	Operative	Inoperative
1/15	Operative	Operative	Inoperative
1/8	Operative	Operative	Operative
1/4	Operative	Operative	Operative
1/2	Operative	Operative	Operative
1	Operative	Operative	Operative

Table 3

The shutter speed setting ring for the relationship shown in Table 3 is illustrated in Fig. 38.

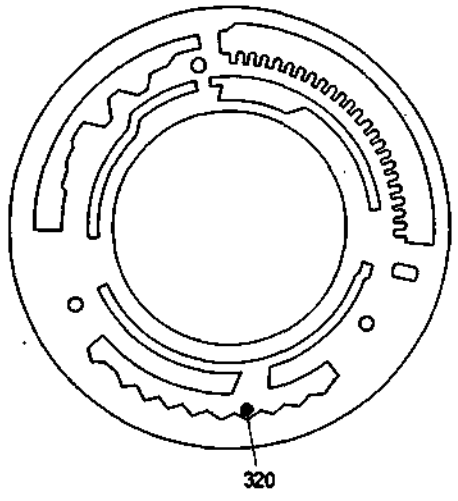


Fig. 38
Setting Ring 0475-159 and Position of Detent Rivet 320

2. The shutter speed setting ring is arranged to be caught in the positions corresponding to the indicated shutter speeds. For this purpose, a detent rivet 314 is secured to a two-armed lever 0475-U362 pivoted on a pin 106 (see Sheet 35) of cocking arm 1. The arrangement of lever 0475-U362 will be seen from Fig. 39 on Sheet 86.

3. IMPORTANT: In shutters produced during an initial period, the rivet 320 carries a loose roller 0475-434. In shutter of later manufacture, this roller is positively held in position.

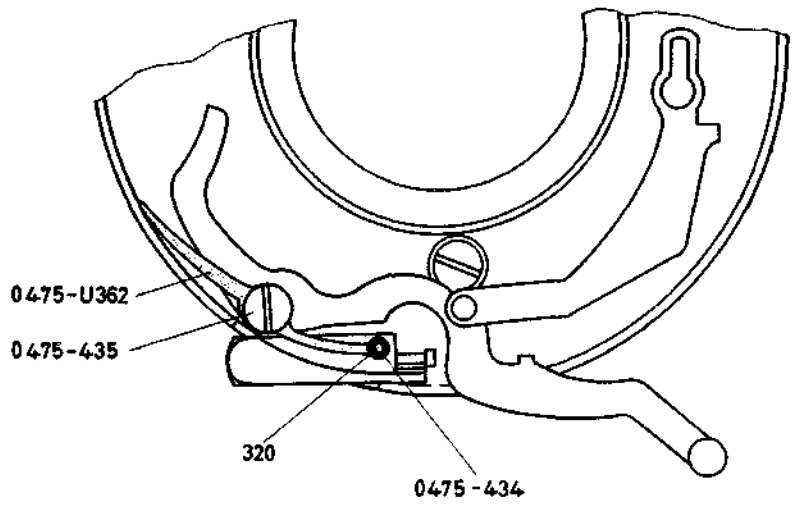


Fig. 39

Arrangement of locking lever 0475-U362. In the above figure, the rivet 320 carries a positively located roller 0475-434. - The screw 0475-435 is screwed into the upstanding pin 106.

C. IMPORTANT: When repairing Size 0 and Size 00 shutters, care should be taken to apply a <u>thin</u> film of Molykote (Paste G) which is a grease-free lubricant to the detent notches.

9. Shutter-speed/f-stop Coupling

Introductory Remarks

The newly introduced shutters, in contrast to earlier PRONTOR-SVS shutters, incorporate as novel equipment a so-called shutter-speed/f-stop coupling whose design is explained in the following paragraphs.

A. Size 00 Shutters with Cocking Shaft

Part of the periphery of the cylindrical skirt of the speed setting ring is formed with square teeth which cooperate with detent dogs 224a (see Fig. 39) which are provided on a flexible coupling lever 224 secured to the diaphragm setting ring.

In order to permit the shutter speed and the f-stop to be set separately in the customary manner, it is necessary to depress the finger piece of coupling lever 224 while the settings are being made.

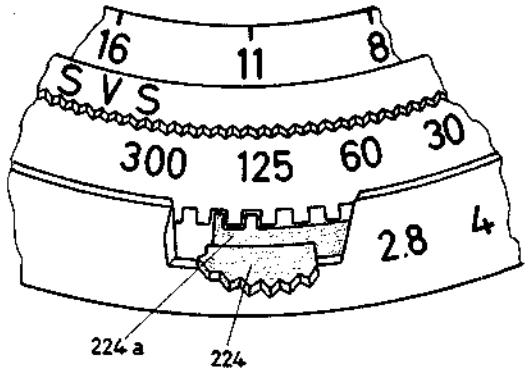


Fig. 39
Fragmentary view of shutter. Part of the cylindrical skirt of the diaphragm setting ring is shown broken away to expose the teeth on the speed setting ring and their cooperation with the teeth 224a on the coupling lever 224.

B Size 00 Shutters with Manually Operated Cocking Lever

As shown in Fig. 40 on Sheet 88, these shutters have a flexible coupling lever 312 secured to the diaphragm setting ring This coupling lever cooperates with detent notches provided in the exposure value setting ring 00475-U588 mounted for rotation with the shutter speed setting ring, the coupling lever also engaging the notches of the speed setting ring.

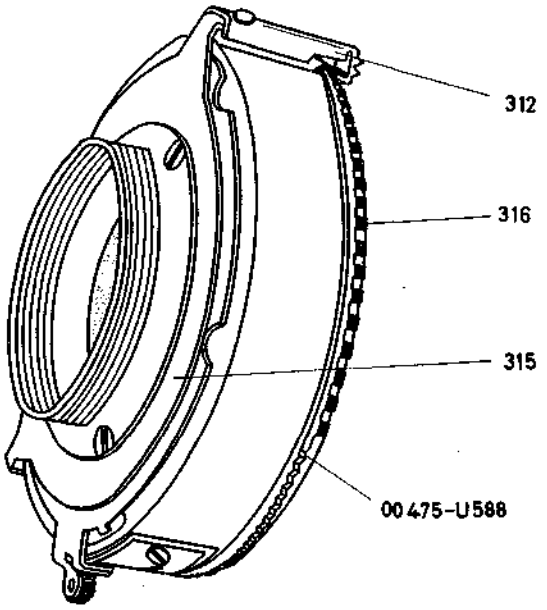


Fig. 40

Diagonal front view of Size 00 shutter with manually operated cocking lever.

312 Coupling Lever

315 Diaphragm Setting Ring

316 Detents on Exposure Value Setting Ring

00475-U588 with Exposure value Setting Ring

C. Size 0 Shutters

a. In the case of Size 0 shutters, the shutter-speed/f-stop coupling can be selectively engaged and disengaged.

b. For this purpose, there is provided a coupling control lever 226 (see Fig. 41 on Sheet 89) which has to be depressed to permit it to be moved either into the position marked with a dot (coupling engaged) or into the position marked with a circle (coupling disengaged).

c. The control lever 226 is secured to a radially flexible sliding member 227 the end 227a of which has an inclined cam track cooperating with one arm of a two-armed lever 0475-U395 pivoted to the side wall of the shutter case. The other arm of this lever carries a rivet 229 abutting a collar provided on a pinion assembly 0475-370 which is mounted for axial movement on a bush riveted to the bottom of the shutter case. The bush is surrounded by a spring 0475-397. Extending through the bush is a shaft carrying a pinion 230 located on the rear of the shutter, this pinion being in mesh with the teeth of the diaphragm setting ring. (The pinion 230 and the shaft inserted through the bush form a subassembly which is covered by the Stock Number 0475-371.)

Shutter-Speed/f-stop Coupling, cont.

The subassembly 0475-370 is held in position by a pin 0475-399 which extends through the upper end of the pinion shaft and through a slot provided in the subassembly 0475-370. Thus, the drive assembly 0475-371 is positively connected in its proper direction of rotation with the subassembly 0475-370.

Setting the coupling lever 226 at the circular mark will cause the sliding member to raise the cooperating arm of lever 0475-U395, this in turn causing the arm 228 to urge the subassembly 0475-370 downwardly against the force exerted by spring 0475-397, thus moving the pinion on top of the shaft out of mesh with the teeth of the shutter speed setting ring 318.

With the shutter-speed/f-stop coupling engaged, the subassembly 0475-370 is in mesh with the teeth of shutter speed setting ring 318, thus transmitting the motion of the latter to the diaphragm setting ring. 317.

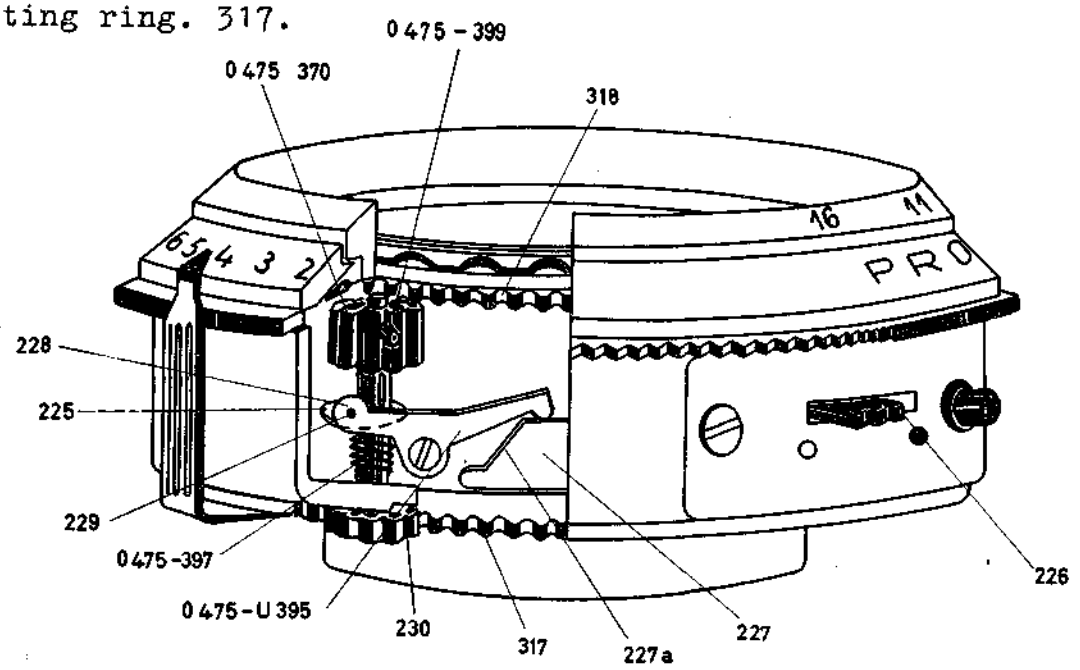


Fig. 41

Cut-away view of a Size 0 shutter fitted with a selectively engageable and disengageable shutter-speed/f-stop coupling. Part of the wall of the shutter case is broken away to show the coupling mechanism which in the present case is in its disengaged position.

0475-370	Subassembly
0475-U395	Two-armed Lever
0475-397	Spring
0475-399	Locking Pin

Shutter-Speed/f-stop Coupling, cont.

d. Important hints concerning the assembling of the coupling device:

1. Before inserting the subassembly 0475-371, apply a light film of Molykote paste on its shaft.

2. When forcing in the locking pin 0475-399 into the shaft of the subassembly, care should be taken to have the pin ends projecting on either side of the shaft to be of equal length. In order to lock the pin in position, bend its pointed end upwardly in an axial direction.

TROUBLE	CAUSE	CORRECTION
Shifting the coupling control from the circle (disengaged position) to the dot mark (engaged position) will not cause the coupling to be engaged.	The sliding member 227 and the coupling lever 0475-U395 are superimposed in a radial direction so that it is impossible to operate the two-armed coupling lever 0475-U395.	Bend one of the two parts involved, preferably the sli-ding member, (227), in such a manner as to provide for proper functioning as described on Sheets 88 and 89.

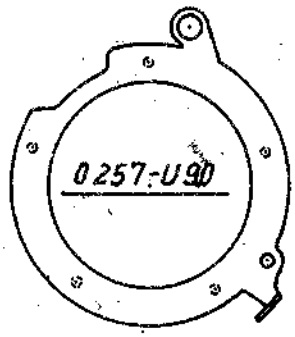
Alfred Gauthier G.m.b.H.
Calmbach a.d.Enz

Nr. 0 M. 284

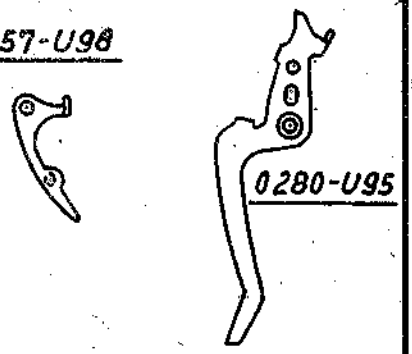
Blatt 1 | 101
geprüft:
gefertigt: 25.5.50

Teil Nr.	Teilbenennung :
0257-U90	Antriebring
	Drive Ring
0257-U88	Auslöshebel
	Release Lever
0280-U95	Fingerhebel
	Trigger Release
0257-U5	Irislamelle (10 Stck.)
	Diaphragm Blade (10p)
0284-U1	Kapsel
	Shutter Housing
0257-U101	Spannhebel
	Cocking Lever Assembly
0257-U15	Werkteil
	Base Plate
0280-U115	Zeithebel
	Time Lever
0257-118	Anschlagplatte
	Stop Plate
0257-164	Anschraubring
	Flange
0280-120	Auslösrohrplatte
	Cable Release Socket Plate
0284-163	Einstellbogen
	Index Plate
0284-159	Einstellring
	Speed Setting Ring

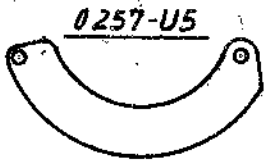
Teil :



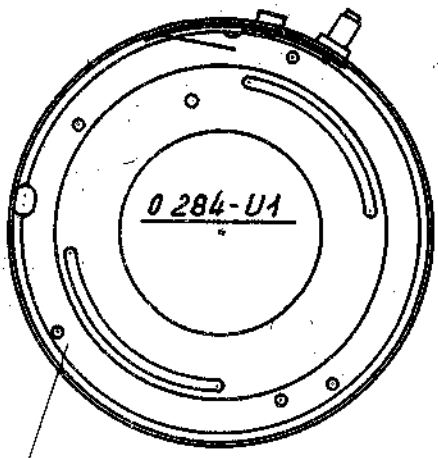
0257-U98



0257-U5

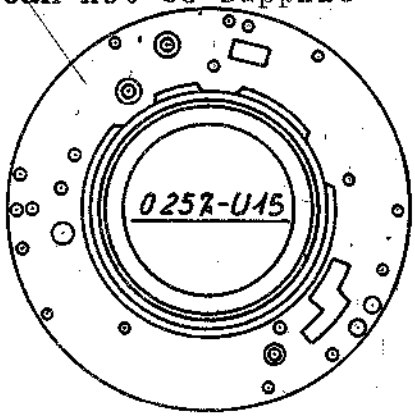


0257-U101

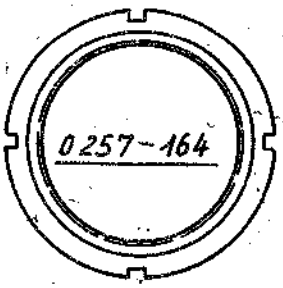


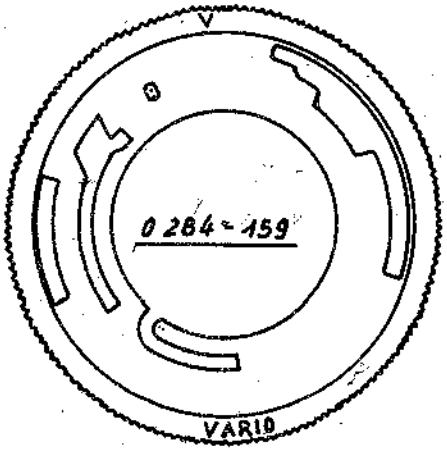
Wird nicht abgegeben!
can not be supplie

0280-U115

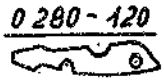


0257-118





0280-120



0284-163

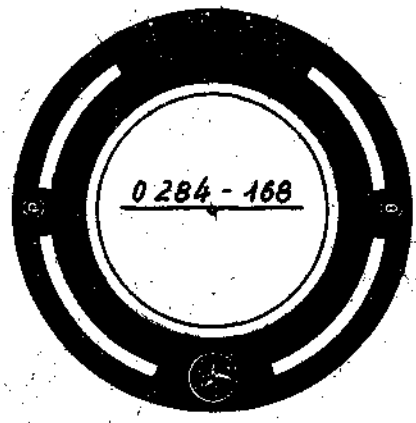
Alfred Gauthier G.m.b.H.
Calmbach a.d.Enz

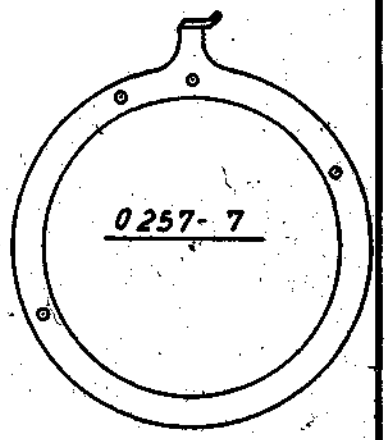
Nr. 0 M. 284

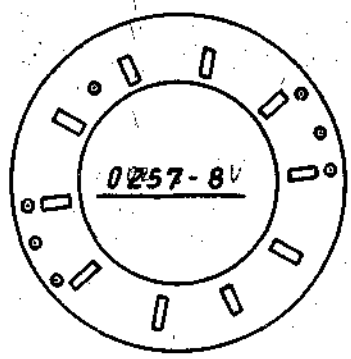
Blatt 2 | 101
Geprüft:
Gefertigt: 25.8.30.

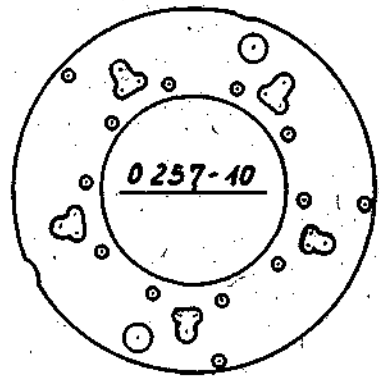
Teil Nr.	Teilbenennung :
0284-168	Frontplatte
	Front Plate
0257-7	Iriszeigerring
	Diaphragm Index Ring
0257-8	Irisscheibe
	Diaphragm Disk
0257-10	Irisdeckscheibe
Diaphr.	Covering Disk
0280-126	Kontakthebel
	Contact Lever
0280-173	Kontaktplatte
	Contact Plate
0257-110	Riegelhebelplatte
	Bar Lever Plate
0257-130	Sektor (5 Stck)
	Shutter Blade 5p
00257-117	Sektorenscheibe 4 St
	Shutter Blade Washer 4p
0280-174	Sicherungshebel
	Locking Lever
0257-154	Zuhaltehebel
	Retaining Lever
0280-117	Sektorenscheibe
	Shutter Blade Washer
0285-G20	Hemmwerk
	Slow Speed Assembly

Teil :



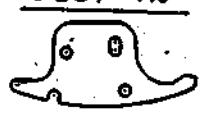






0280-126

0257-110



0257-130

00257-117

0280-174

0257-154

0280-117

0285-G20

Wird nur als Ganzes abgegeben!

ly complete assembly can be supplied

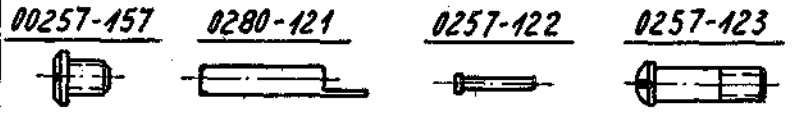
Alfred Gauthier G.m.b.H.
Calmbach o.d.Enz

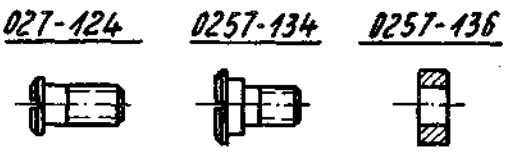
Nr. 0 M. 284

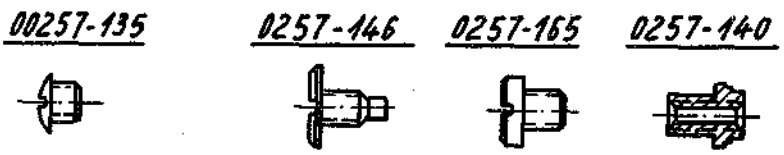
Blatt 3 | 101
Gepr.
Gez. 11.9.52 Wdf-gr

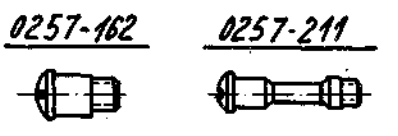
Teil Nr.	Teilbenennung:
00257-157	Anschlagplättchenschr.
Stop Plate Screw	
0280-121	Auslösrohr
Cable Release Socket	
0257-122	Auslösstift
Cable Release Socket Pin	
0257-123	Auslösrohrschr. schwach
Cable Release Socket Screw thin	
0257-124	Auslösrohrschr. stark
Cable Release Socket Screw thick	
0257-134	Auslöshebelschr.
Release Lever Screw	
0257-136	Auslöshebelunterlagsch.
Release Lever Washer	
00257-135	Einstellbogenschr. 2St.
Index Plate Screw 2p.	
0257-146	Fingerhebelschr.
Trigger Release Screw	
0257-165	Führungsschr.
Guide Screw	
0257-140	Finger-u. Riegelh. achse
Post for Trigger Release and Bar Lever	
0257-162	Frontplattenschr. kurz
Front Plate Screw short	
0257-211	Frontplattenschr. lang
Front Plate Screw long	
0257-9	Irisschraube 2St.
Diaphragm Screw 2p.	
0257-11	Irisdeckscheibenschr. 2St.
Diaphragm Covering Disk Screw 2p.	
0257-128	Kontakthebelschr.
Contact Lever Screw	
0257-127	Kontakthebelbüchse
Contact Lever Bushing	
K 18-U2	Kontakt
	Contact

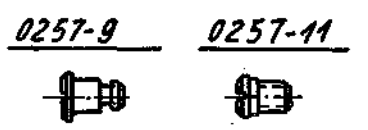
Teil:

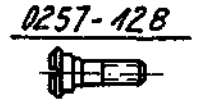


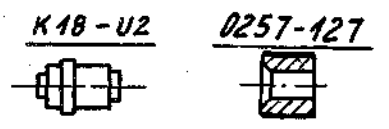






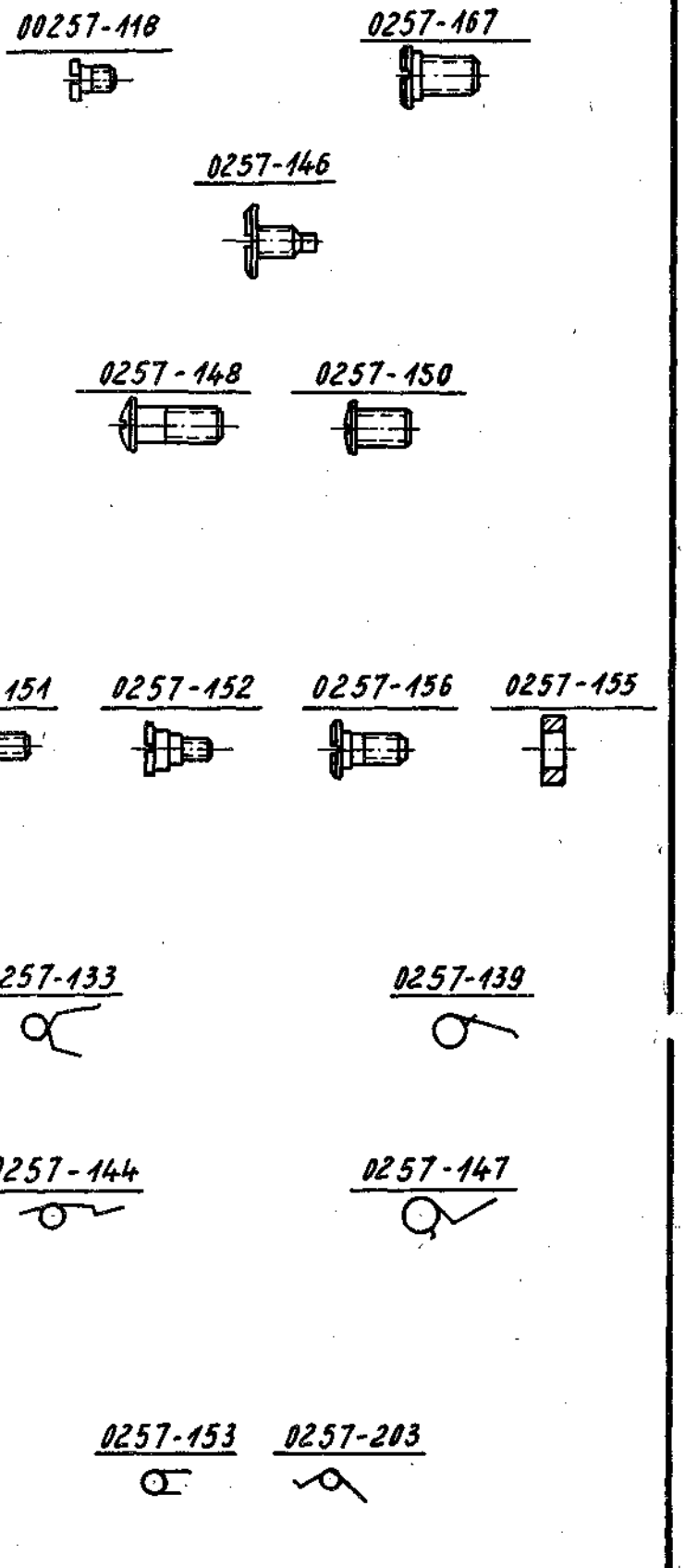






Teil Nr.	Teilbenennung:
0257-167	Riegelhebelfederschr.
	Screw for Bar Lever Spring
00257-118	Sektorenschr. (5Stck.)
	Shutter Blade Screw (5p.)
0257-146	Spannhebelachsenschr.
	Screw for Cocking Lever Post
0257-148	Werkteilschr. 3St.
	Base Plate Screw 3p.
0257-150	Werkbefestigungsschr.
	Fixing Screw for Assembly
0257-151	Werkbefestigungsschr.
	Fixing Screw for Assembly
0257-152	Zeithebelschr.
	Time Lever Screw
0257-155	Zuhaltehebelscheibe
	Retaining Lever Washer
0257-156	Zuhaltehebelschr.
	Retaining Lever Screw
0257-133	Auslöshebelfeder
	Release Lever Spring
0257-139	Fingerhebelfeder
	Trigger Release Spring
0257-144	Ringfeder
	Ring Spring
0257-147	Treibfeder
	Drive Spring
0257-153	Zeit-u. Sperrhebelfeder
	Spring for Time and Locking Lever
0257-203	Zuhaltehebelfeder
	Retaining Lever Spring

Teil:



Alfred Gauthier G.m.b.H
Calmbach a. d. Enz

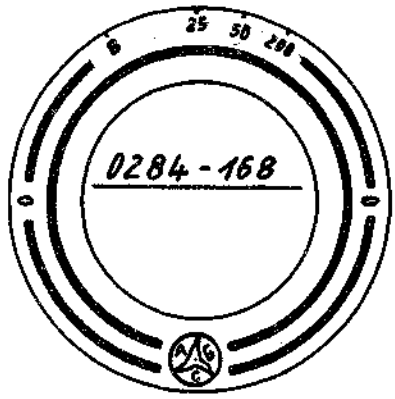
Nr. 0M 284

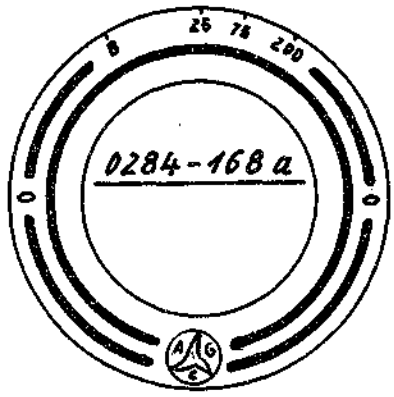
geänderte Teile
Changed Parts

Blatt 5
gez. 29.5.53 Hilfinger
gepr.

Teil Nr.	Teilbenennung
0284 - 168	Frontplatte neu an Stelle v. 0284 - 168 alt
inst.	Front Plate new of 0284-168 old
0284 - 168 a	Frontplatte an Stelle v. 0284 - 168 alt
inst.	Front Plate of 0284-168 old

Teil





Alfred Gauthier G.m.b.H
Calmbach a. d. Enz

Nr. 0 M 284

Blatt 6
geprüft:
gefertigt: 3.10.53 Wolfinger

Teil-Nr.	Teilbennung
0257-51	Hemmwerkfeder
	Escapement Mechanism Spring
0257-108	Treibklinkenfeder
	Driving Latch Spring

Teil

Federn
Springs

0257-51

0257-108

Alfred Gauthier G.m.b.H
Calmbach a.d. Enz

Nr. 0 M. 285

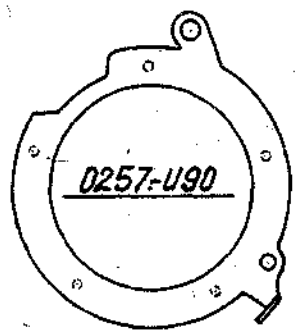
Blatt 1 | 102

geprüft:

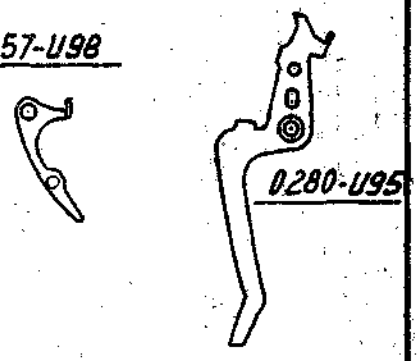
gefertigt: 26.5.50

Teil Nr.	Teilbenennung:
0257-U90	Antriebring
	Drive Ring
0257-U98	Auslöshebel
	Inner Release Lever
0280-U95	Fingerhebel
	Exterior Release Lever
0257-U5	Irislamelle (10 Stck.)
	Diaphragm Blade 10p.
0280-U1	Kapsel
	Shutter Case
0257U-101	Spannhebel
	Cocking Lever
0257-U115	Werkteil
	Base Plate
0280U115	Zeithebel
	Time Lever
0257-118	Anschlagplatte
	Stop Plate
0257-164	Anschraubring
	Thread Ring
0280-120	Auslösrohrplatte
	Release Tube Plate
0284-163	Einstellbogen
	Top Plate
0285-159	Einstellring
	Time Setting Ring

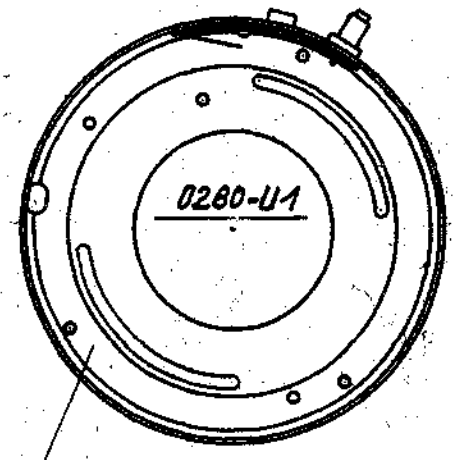
Teil:



0257-U98



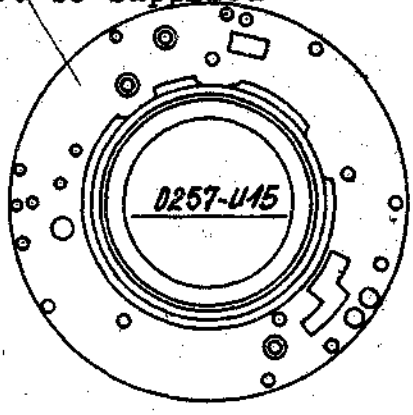
0257-U5



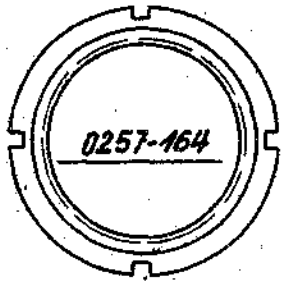
0257-U101

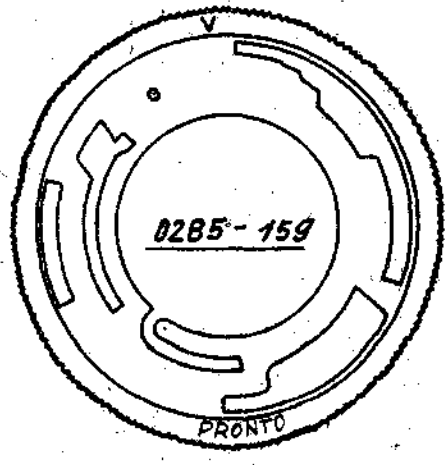
wird nicht abgegeben!

0280-U115 Cannot be supplied



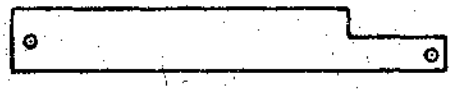
0257-118





0280-120

0284-163



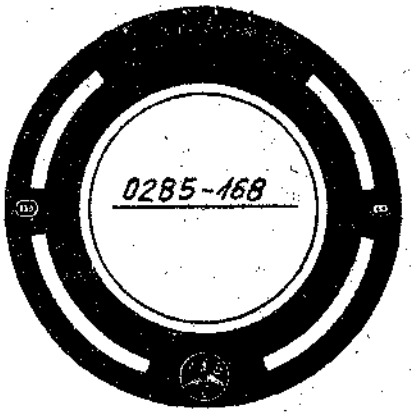
Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

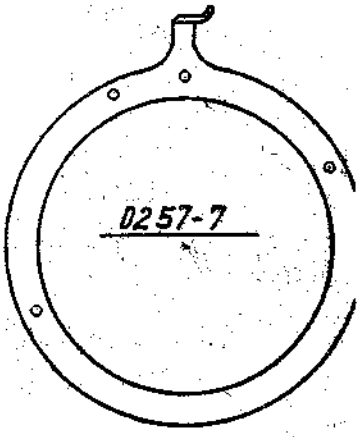
Nr. 0 M. 285

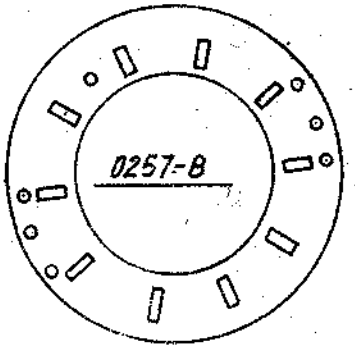
Geprüft:
Gefertigt: 26.5.58

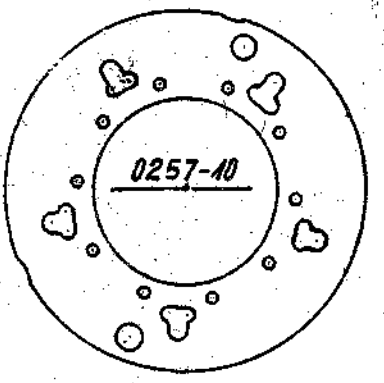
Teil Nr.	Teilbenennung:
0285-168	Frontplatte alt
	Front Plate old
0257-7	Irisszeigerring
	Diaphragm Index Ring
0257-8	Irisscheibe
	Diaphragm Disk
0257-70	Irisdeckscheibe
	Diaphragm Covering Disk
0280-126	Kontakthebel
	Contact Lever
0280-113	Kontaktplatte
	Contact Plate -
0257-110	Riegelhebelplatte
	Bar Lever Plate
0257-111	Riegelhebel
	Bar Lever
0257-130	Sektor (5 Stck.)
	Shutter Blade 5p
00257-117	Sektorenscheibe 4 St.
	Shutter Blade Washer 4p.
0280-U174	Sicherungshebel
	Locking Lever
0257-154	Zuhaltehebel
	Retaining Lever
0280-117	Sektorenscheibe
	Shutter Blade Washer
0285-G20	Hemmwerk
	Excapement Mechanism
0257-G54	Vorlaufwerk
	Delayed Action Mechanism

Teil



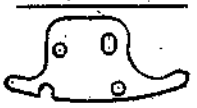






0280-126

0257-110



0257-130

0257-111

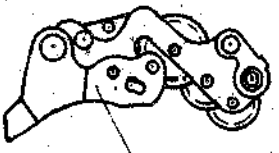
00257-117

0280-U174

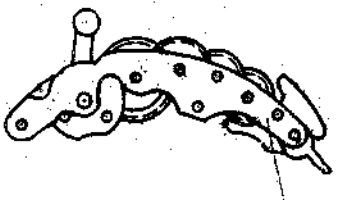
0257-154

0280-117

0285-G20



0257-G54



Wird nur als Ganzes abgegeben!

Only complete assembly can be supplied

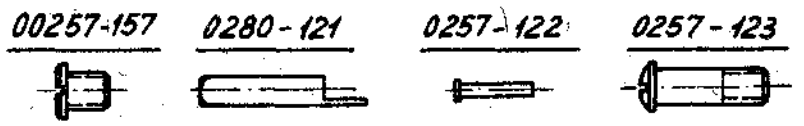
Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

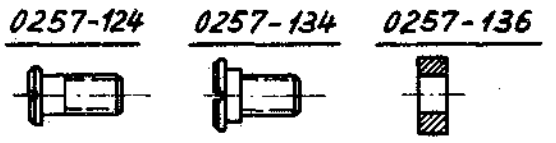
Nr. 0 M. 285

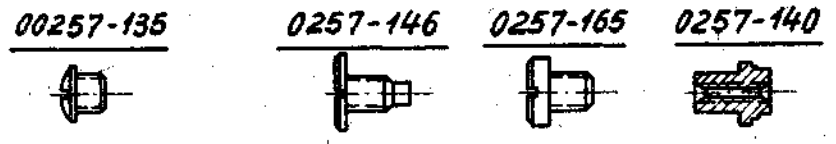
Blatt 3 | 102
geprüft:
gefertigt: 11.9.52.

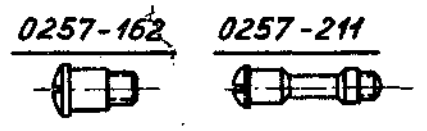
Teil Nr.	Teilbenennung:
00257-157	Anschlagplättchenschr.
	Stop Plate Screw
0280-121	Auslösrohr
	Release Tube
0257-122	Auslösstift
	Release Pin
0257-123	Auslösrohrschr. schwach
	Release Tube Screw thin
0257-124	Auslösrohrschr. stark
	Release Tube Screw thick
0257-134	Auslöshebelschr.
	Inner Release Lever Screw
0257-136	Auslöshebelunterlagsch.
	Inner Release Lever Washer
00257-135	Einstellbogenschraube 2St.
	Top Plate Screw 2p.
0257-146	Fingerhebelschraube
	Exterior Release Lever Screw
0257-165	Führungsschraube
	Guide Screw
0257-140	Finger-u.Riegelheb.achse
	Axis for Ext.Release lever and Bar Lever
0257-162	Frontplattenschr. kurz
	Front Plate Screw short
0257-211	Frontplattenschr. lang
	Front Plate Screw long
0257-9	Irisschraube (25tck.)
	Diaphragm Screw 2p.
0257-11	Irisdeckscheibenschr. 25t.
	Diaphragm Covering
	Disk Screw 2p
0257-127	Kontakthebelbüchse
	Contact Lever Bushing
0257-128	Kontakthebelschraube
	Contact Lever Screw
0257-167	Riegelhebelfederschr.
	Screw for Bar
	Lever Spring
K 18-U2	Kontakt
	Contact

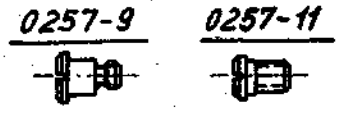
Teil:

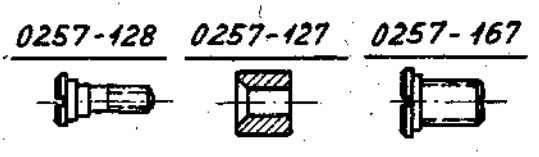


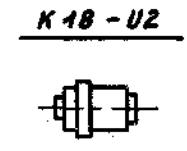












Alfred Gauthier G.m.b.H. Calmbach a.d. Enz	Nr. 0 M. 285	Blatt 4	102
		geprüft:	
		gefertigt: 11.9.52. Mundt.	

Teil Nr.	Teilbenennung:
00257-118	Sektorenschraube 5 Stck.
	Shutter Blade Screw 5p.
0257-146	Spannhebelachsenschr.
	Screw for Cocking
	Lever Axis
0257-148	Werkteilschraube 3 Stck.
	Base Plate Screw 3p.
0257-150	Werkbefestigungsschr.
Fixing	Screw for Mechanism
0257-151	Werkbefestigungsschr.
Fixing	Screw for Mechanism
0257-152	Zeithebelschraube
	Time Lever Screw
0257-155	Zuhaltehebelscheibe
Retaining	Lever Washer
0257-156	Zuhaltehebelschraube
Retaining	Lever Screw
0257-133	Auslöshebelfeder
	Inner Release
	Lever Spring
0257-139	Fingerhebelfeder
	Exterior Release
	Lever Spring
0257-166	Riegelhebelfeder
	Bar Lever Spring
0257-144	Ringfeder
	Ring Spring
0257-147	Treibfeder
	Drive Spring
0257-158	Vorlaufwerkfeder
	Spring for Delayed
	Action Mechanism
0257-153	Zeit-u. Sperrhebelfeder
Spring	for Time Lever and Locking lever
0257-203	Zuhaltehebelfeder
	Retaining Lever
	Spring

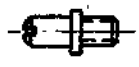
Teil:

00257-118

0257-148

0257-150

0257-151

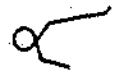


0257-152

0257-156

0257-155

0257-133

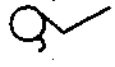


0257-139

0257-166

0257-144

0257-147



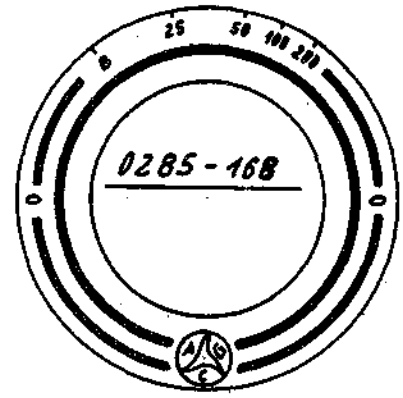
0257-158

0257-153

0257-203

Alfred Gauthier G.m.b.H Calmbach a.d. Enz	Nr. 0 M 285 geänderte Teile Changed Parts	Blatt 5 gez. 29. 5. 53 Uhlfinger gepr.

Teil Nr.:	Teilbenennung:	Teil:
0285-168	Frontplatte neu an Stelle v. 0285-168 alt	
	Front Plate new inst. of 0285-168 old	



Alfred Gauthier G.m.b.H
Calmbach o.d. Enz

Nr. 0 M 285

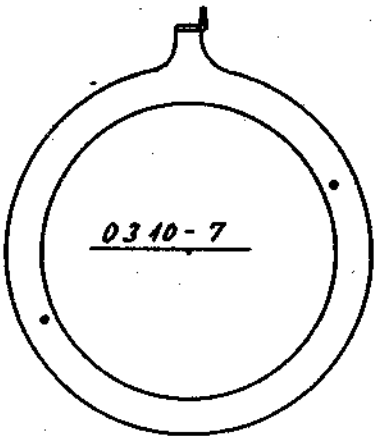
Blatt: 6
gez. 2.10.51 Wolfmayer
gepr.

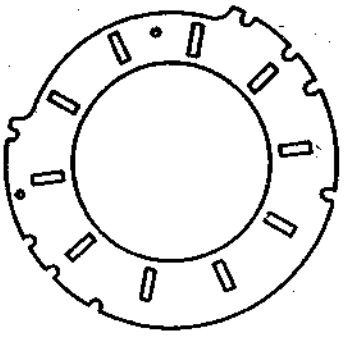
Teil Nr:	Teilbenennung:	Teil:
		Federn · Springs
0257-54	Hemmwerkfeder Escapement Mechanism Spring	0257-51
0310-166	Riegelhebelfeder Bar Lever Spring	0310-166
0310-234	Umstellbrückenfeder Spring for Synchro Switch	0310-234
0257-108	Treibklinkenfeder Bridge Driving Latch Spring	0257-108

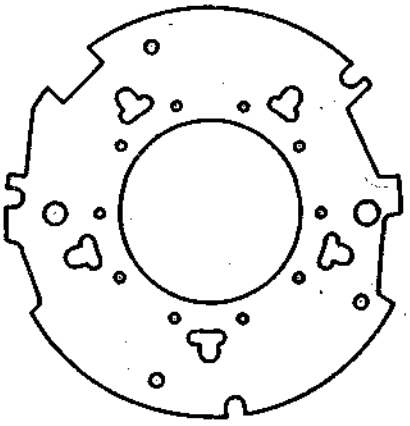
Alfred Gauthier G.m.b.H. Calmbach a. d. Enz	0285 Parts changed — Geänderte Teile	Liste besteht aus Blatt 6
		Blatt Nr. 6a — Gepr.
		Gefertigt: 20.7.56 SAK

Teil Nr.:	Teilbenennung:
0340-7	Iriszeigerring an Stelle von 0257-7
inst.	Diaphragm Index Ring of 0257 - 7
0340-8	Irisscheibe an Stelle von 0257-8
inst.	Diaphragm Disc of 0257 - 8
0340-10a	Irisdeckscheibe an Stelle von 0257-10
inst.	Diaphragm Covering Disc of 0257 - 10
0346-130	Sektor (5 Stück) an Stelle von 0257-130
inst.	Shutter Blade (5 pcs.) of 0257 - 130
0340-111	Riegelhebel an Stelle von 0257-111
inst.	Bar Lever of 0257 - 111

Teil:







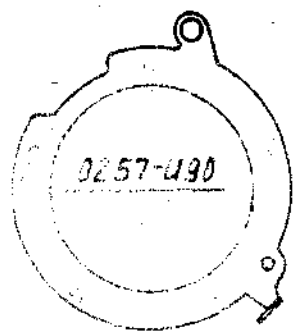
Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

Nr. 0 M.280

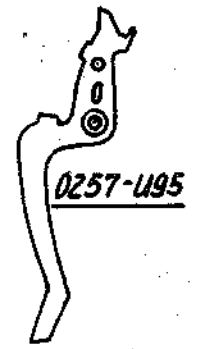
Blatt 1 | 100.
geprüft:
gefertigt: 27.1.50

Teil Nr.	Teilbenennung:
0257-U90	Antriebring
	drive ring
0257-U98	Auslöshebel
	inner releasing lever
0257-U95	Fingerhebel
	exterior releasing lever
0257-U5	Irislamelle (10 Stck)
	diaphragm blade 10 p.
0280-U1	Kapsel
	case
0257-U101	Spannhebel
	cocking lever
0257-U15	Werkteil
	base plate
0280U-115	Zeithebel
	time lever
0257-118	Anschlagplatte
	stop plate
0257-164	Anschraubring
	thread ring
0280-120	Auslösrohrplatte
	plate for releasing tube
0280-163	Einstellbogen
	top plate
0280-159	Einstellring
	timing ring

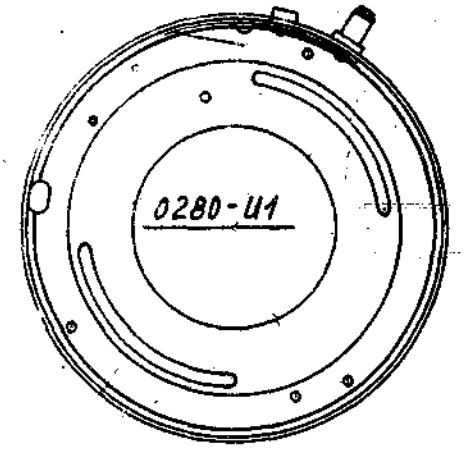
Teil:



0257-U98



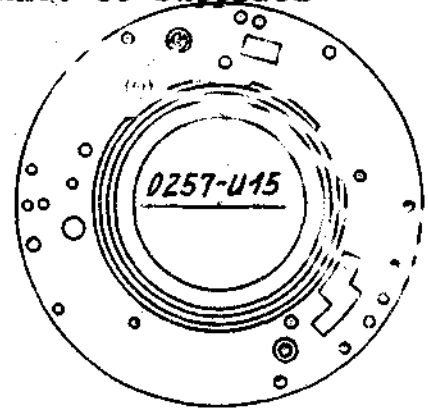
0257-U5



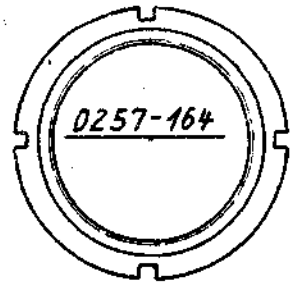
0257-U101

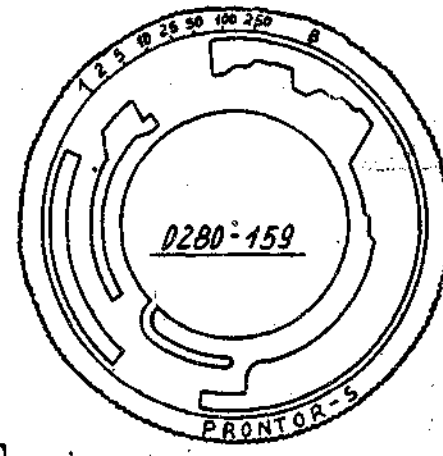
wird nicht abgegeben!
Cannot be supplied

0280-U115



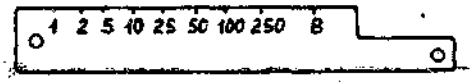
0257-118





0280-120

0280-163



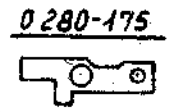
Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

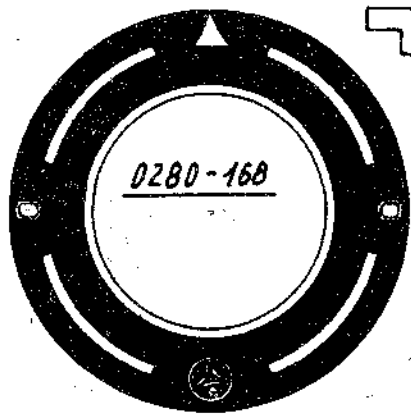
Nr. 0 M. 280

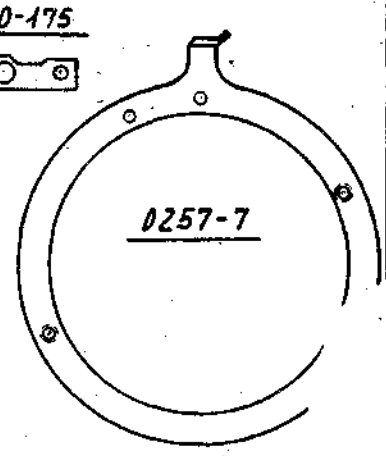
Blatt 2 | 100
geprüft:
gefertigt: 27.1.'50

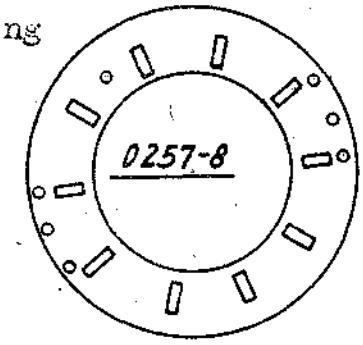
Teil Nr.	Teilbenennung :
0280-168	Frontplatte alt
	front plate old
0280-175	Isolationsplatte
	insulating plate
0257-7	Iriszeigerring
	diaphragm index ring
0257-8	Irisscheibe
	diaphragm disk
0257-10	Irisdeckscheibe
	diaphragm covering disk
0280-126	Kontakthebel
	contact lever
0280-173	Kontaktplatte
	contact plate
0280-170	Kontaktfeder
	contact spring
0257-110	Riegelhebelplatte
	bar lever plate
0257-111	Regelhebel
	bar lever
0257-130	Seklor (5 Stck.)
	shutter blade 5 pc.
00257-117	Seklorenscheibe 5 St.
	shutter blade washer 5 pc.
0257-174	Sicherungshebel
	securing lever
0257-154	Zuhaltehebel
	retaining lever
0280-620	Hemmwerk
	escapement mechanism
0257-654	Vorlaufwerk
	self timer mechanism

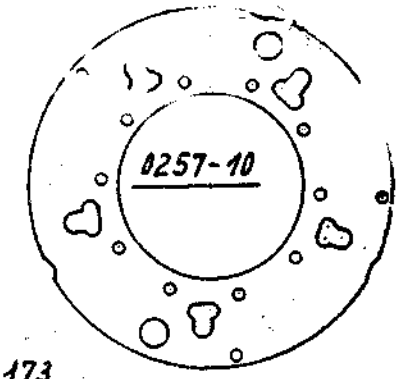
Teil :

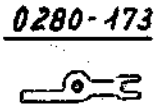


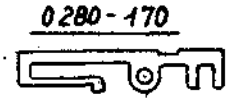


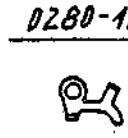


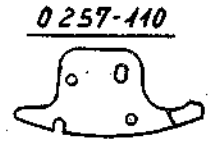


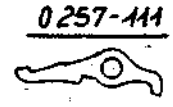


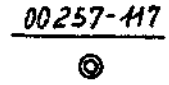


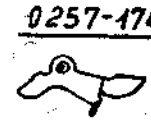


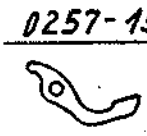


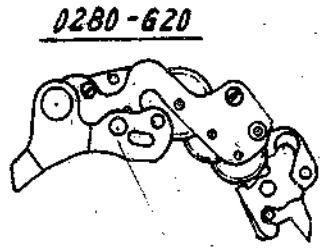


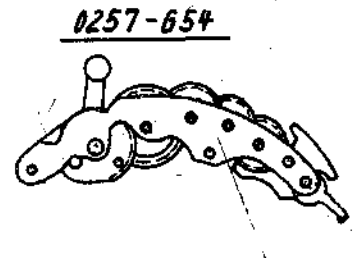












wird nur als Ganzes abgegeben.
Only complete assembly can be supplied

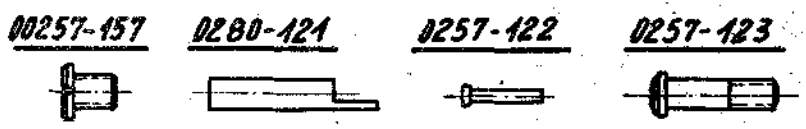
Alfred Gaulhier GmbH.
Calmbach a.d.Enz

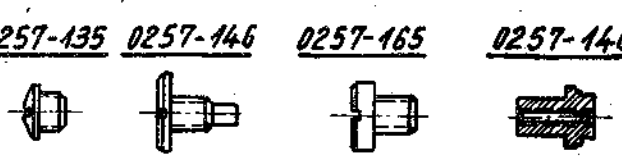
Nr. OM.280

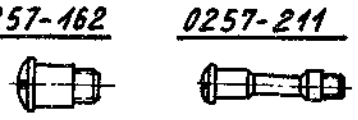
Blatt 3 | 100
geprüft:
gezeichn. 2.1.52. Rathfinger

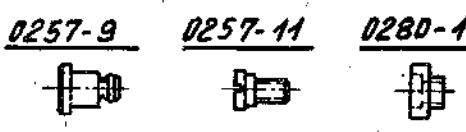
Teil Nr.	Teilbenennung
00257-157	Anschlagplattenschr.
	stop plate screw
0280-121	Auslösrohr
	releasing tube
0257-122	Auslösstift
	releasing pin
0257-123	Auslösrohrschr. schw.
	releasing tube screw thin
0257-124	Auslösrohrschr. stark
	releasing tube screw thick
0257-134	Auslöshebelschr.
	screw of inner releasing lever
0257-136	Auslöshebelunterlagsch.
	washer of inner releasing lever
00257-135	Einstellbogenschr. 2 St.
	top plate screw 2 p.
0257-146	Fingerhebelschr.
	screw of exterior releasing lever
0257-165	Führungsschraube
	guiding screw
0257-140	Finger-u. Riegelh. achse
	axis for ext. releasing lever and bar lever
0257-162	Frontplattenschr. kurz
	front plate screw short
0257-211	Frontplattenschr. lang
	front plate screw long
0257-9	Irisschr. 2 Stück
	diaphragm screw 2 p.
0257-11	Irisdeckscheibenschr. 2St.
	diaphragm covering plate screw 2p.
0257-176	Isolationsbüchse klein
	insulating bushing small
0257-127	Kontakthebelbüchse
	contact lever bushing
0257-128	Kontakthebelschr.
	contact lever screw

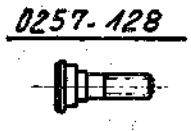
Teil:

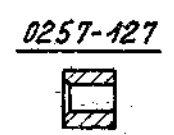












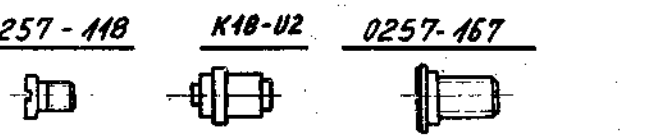
Alfred Gaulhier G.m.b.H.
Calmbach a.d. Enz

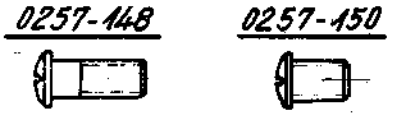
Nr. 0M.280

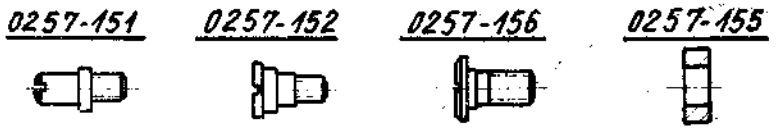
Blatt 4 | 100
geprüft:
gezeichn. 2.1.52. Mayer

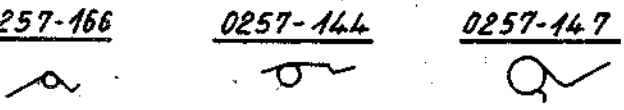
Teil:

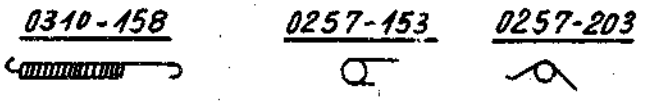
Teil Nr.	Teilbenennung
00257-118	Sektorenschr. 5 St.
	shutter blade screw 5p.
0257-167	Riegelhebelfederschr.
	screw for bar lever spring
K18-U2	Vakublitznippel
	flash fitting
0257-148	Werkteilschraube 3St.
	screw for base plate 3 p.
0257-150	Werkbefestigungsschr.
	fixing screw for
	mechanism
0257-151	Werkbefestigungsschr.
	fixing screw for mechanism
0257-152	Zeithebelschraube
	time lever screw
0257-156	Zuhaltehebelschraube
	retaining lever screw
0257-155	Zuhaltehebelscheibe
	retaining lever washer
0257-133	Auslöshebelfeder
	spring for inner releasing lever
0257-139	Fingerhebelfeder
	spring for exterior releasing lever
0257-166	Riegelhebelfeder
	bar lever spring
0257-144	Ringfeder
	spring for drive ring
0257-147	Treibfeder
	drive spring
0310-158	Vorlaufwerkfeder
	spring of self timer mechanism
0257-153	Zeit-u.Sperrhebelfeder
	spring of time- and locking lever
0257-203	Zuhaltehebelfeder
	retaining lever spring











Alfred Gauthier G.m.b.H
Calmbach a.d. Enz

Nr. 0 M 280

Blatt:
gez. 2.10.53 Wolfinger
gepr.

Teil Nr:	Teilbenennung:	Teil: -
0257-50	Ankerhebelfeder Anchor Lever Spring	
0257-51	Hemmwerkfeder Escapement Mechanism Spring	
0310-166	Riegelhebelfeder Bar Lever Spring	
0310-234	Umstellbrückenfeder Spring for Synchro Switch Bridge	
0257-108	Treibklinkenfeder Driving Latch Spring	

Federn
Springs

0257-50

0257-51

0310-166

0310-234

0257-108

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

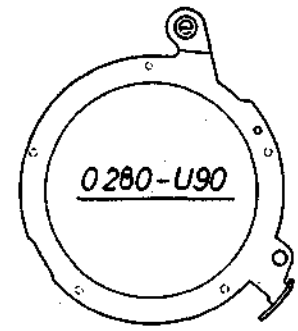
Mod. 0280

Geänderte Teile
Changed parts

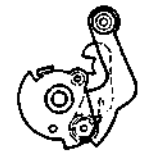
Liste besteht aus Blatt 1.2.3
Blatt Nr. 1 | Gepr.
Gefertigt: 20.5.57 Je.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	0280 - U90	Antriebring an Stelle v. 0257-U90
		drive ring inst. of 0257-U90
2	0295 - U98	Auslöshebel an Stelle v. 0257-U98
		release lever inst. of 0257-U98
3	0295 - U101.1	Spannhebel an Stelle v. 0257-U101
		cocking lever inst. of 0257-U101
4	0280 - U15	Werkteil an Stelle v. 0257-U15
		base plate inst. of 0257-U15
5	0280 - 168	Frontplatte neu an Stelle v. 0280-168 alt
		front plate new inst. of 0280-168 old
6	0280 - 162	Frontplattenschr. kurz an Stelle v. 0257-162
		front plate screw short inst. of 0257-162
7	0257 - 207	Finger u. Riegelhebelachse an Stelle v. 0257-140
	axis for ext. releasing lever and bar lever	inst. of 0257-140
8	0310 - 10	Irisdeckscheibe an Stelle v. 0257-10
		diaphragm covering disk inst. of 0257-10
9	0295 - 175	Isolationsplatte an Stelle v. 0280-175
		insulating plate inst. of 0280-175
10	0280 - 173.2	Kontaktplatte an Stelle v. 0280-173
		contact plate inst. of 0280-173

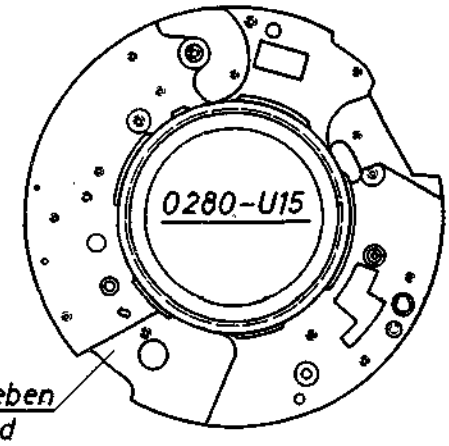
Teil:



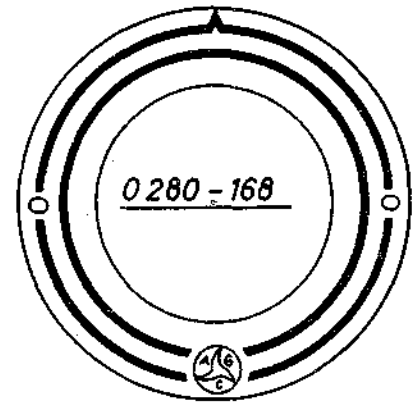
0295-U98



0295-U101.1

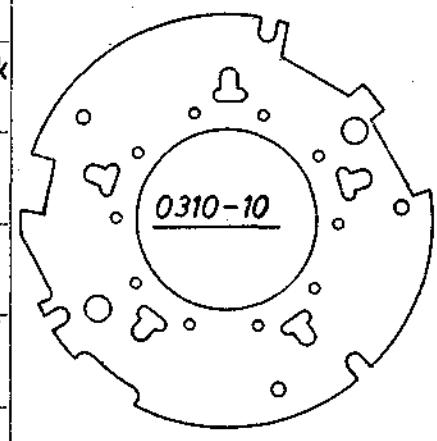


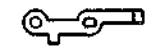
wird nicht abgegeben
cannot be supplied



0280-162

0257-207





0280-173.2

0295-175

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

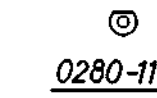
Mod. 0280

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 20.5.57 K.

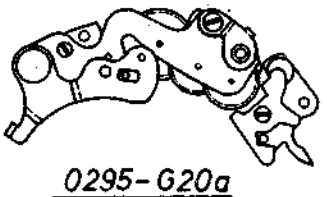
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	00257 - 117	Sektorenscheibe 4 Stck. an Stelle v. 5 Stck.
		shutter blade washer 4pcs. inst. of 5 pcs.
2	0280 - 117	Sektorenscheibe 1 Stck.
		shutter blade washer 1pcs.
3	0295 - 147	Treibfeder an Stelle v. 0257-147
		drive spring inst. of 0257-147
4	0295 - G20a	Hemmwerk an Stelle v. 0280-G20
		slow speed assembly inst. of 0280-G20
5	0280 - G54.1	Vorlaufwerk an Stelle v. 0257-G54
		delayed action assembly inst. of 0257-G54
6	0280 - U95	Fingerhebel an Stelle v. 0257-U95
		trigger release inst. of 0257-U95
7	0295 - 130	Sektor 5 Stück an Stelle v. 0257-130
		shutter blade 5 pcs. inst. of 0257-130
8	0295 - 128	Kontakthebelschr. an Stelle v. 0257-128
		contact lever screw inst. of 0257-128
9	00279 - 118	Sektorenschr. 5 Stck. an Stelle v. 00257-118
		shuter blade screw inst. of 00257-118
10	0280 - U174	Sicherungshebel an Stelle v. 0257-174
		securing lever inst. of 0257-174

Teil:

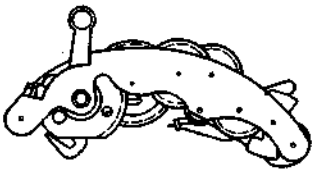


0280-117

0295-147



0295-G20a



0280-G54.1

wird nur als Ganzes abgegeben
only complete assembly can be supplied

0280-U95

0295-130

0295-128

00279-118

0280-U174

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
3775	6	20.5.57	4947	10	20.5.57			
3991	8	" " "						
4254	5	" " "						
4588	9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

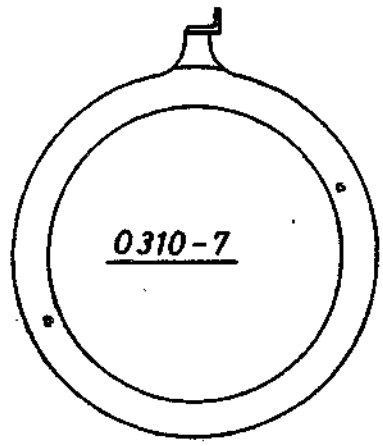
Mod. 0280

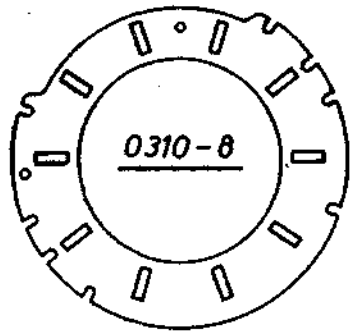
Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 20.5.57 K.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	0310 - 7	Iriszeigerring an Stelle v. 0257-7
		diaphragm index ring inst. of 0257-7
2	0310 - 8	Irisscheibe an Stelle v. 0257-8
		diaphragm disk inst. of 0257-8
3	0346 - 130	Sektor 5 Stück an Stelle v. 0295-130
		shutter blade 5pcs. inst. of 0295-130
4	048512 - 128	Kontakthebelschr. an Stelle v. 0295-128
		contact lever screw inst. of 0295-128

Teil:





Änderungszustand dieses Blattes

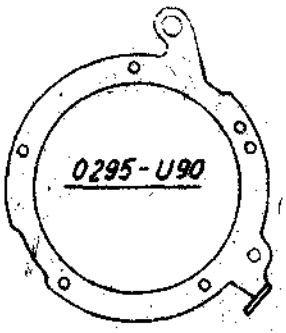
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4987	1,2	20.5.57						
5393	3	" " "						
6399	4	" " "						

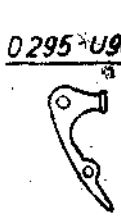
Alfred Gauthier GmbH
Calmbach o.d. Enz

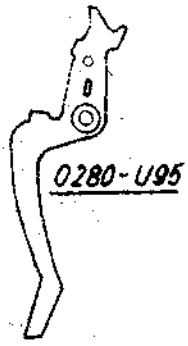
Nr. 0 M.310

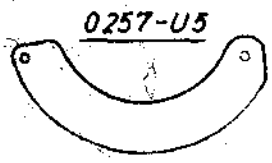
Blatt 1 — 108
geprüft
gefertigt 29.2.52

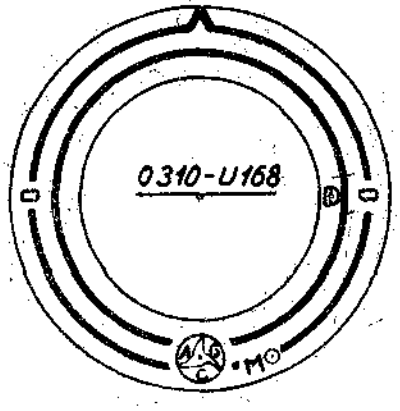
Teil-Nr.	Teilbenennung	Teil
0295-U90	Antriebring drive ring	
0295-U98	Auslöshebel inner releasing lever	
0280-U95	Fingerhebel exterior releasing lever	
0310-U168	Frontplatte front plate	
0257-U5	Irislamelle (10 Stück) diaphragm blade (10 pieces)	
0310-U1	Kapsel case	
K18-U2	Kontakt contact	
0295-U101.1	Spannhebel cocking lever	
0310-U220	Umstellring synchro switch ring	
0310-U15	Werkteil base plate	
0280-U115	Zeithebel time lever	

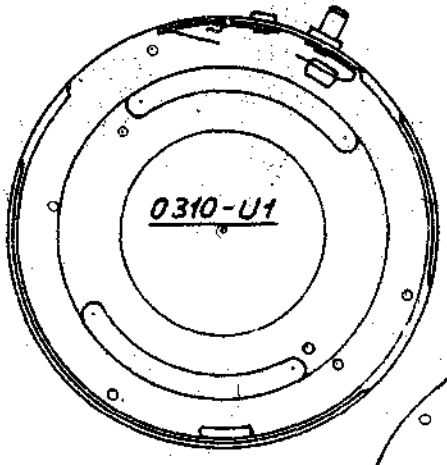






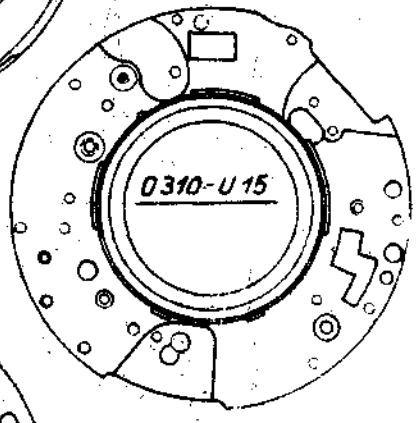


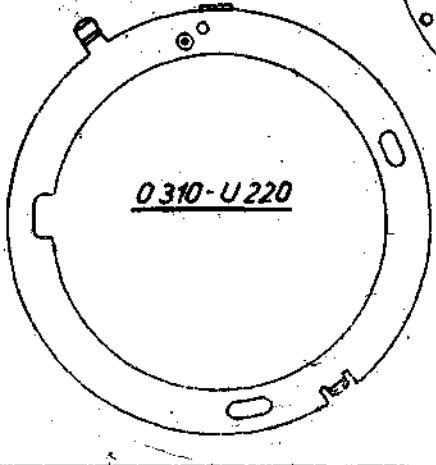


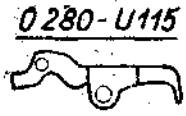


wird nicht abgegeben

Cannot be supplied







Alfred Gauthier ...

Calmbach o d Enz

Nr. 0 M. 310

Blatt ...

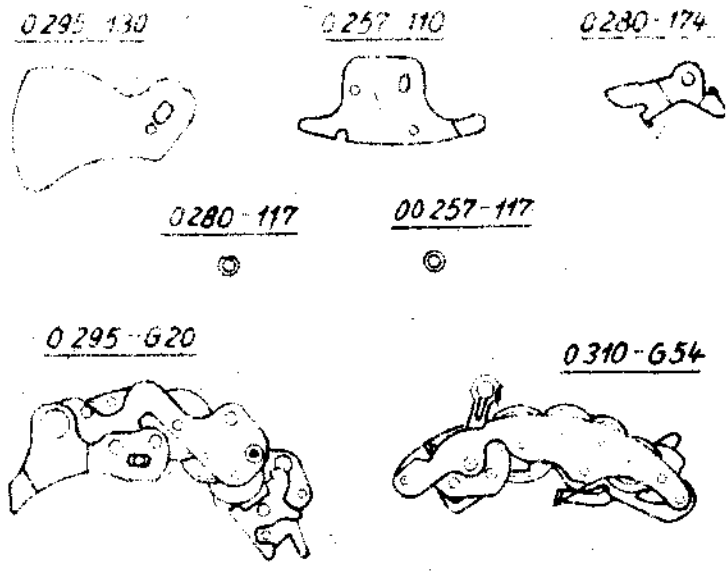
geprüft

gefertigt 29.2.52 ...

Teil-Nr.	Teilbenennung	Teil
0257-118	Anschlagplatte stop plate	0257-118
0257-164	Anschraubring thread ring	
0280-120	Auslösrohrplatte plate for releasing tube	0257 164
0280-163	Einstellbogen top plate	0310 159 PRONTOR SV
0310-159	Einstellring timing ring	0280-120
0295-239	Frontplattenring front plate ring	0280-163 1 2 5 10 25 50 100 250 B
0295-175	Isolationsplatte insulating plate	0295-239
0257-7	Irisszeigerring diaphragm index ring	0295-175
0257-8	Irisscheibe diaphragm disk	0257-7
0310-10	Irisdeckscheibe diaphragm covering disk	0257-8
0280-126	Kontakthebel 1 contact lever 1	0310-10
0295-236.1	Kontakthebel 2 contact lever 2	0280-126
0295-170.1	Kontaktfeder contact spring	0295-236.1
0295-173.2	Kontaktplatte contact plate	0295-173.2
		0295-170.1

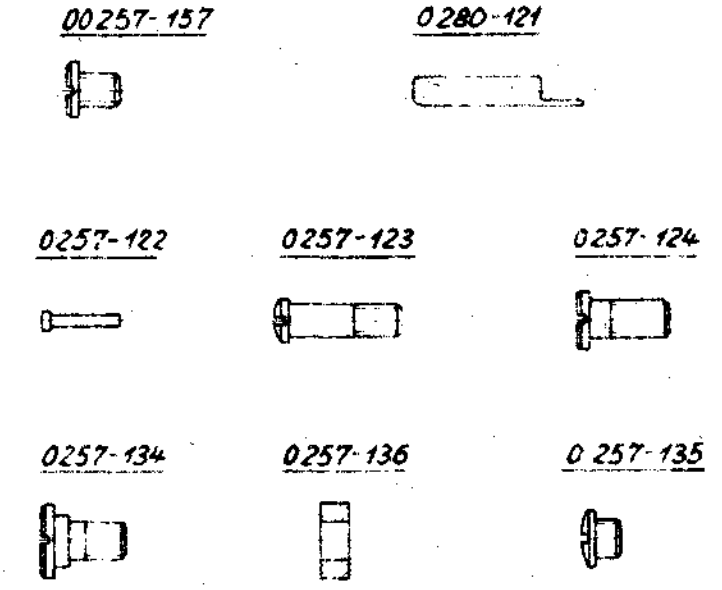
Teil-Nr.	Teilbenennung
0257-110	Riegelhebelplatte bar lever plate
0295-130	Sektor (5 Stück) shutter blade 5p.
00257-117	Sektorenscheibe (4St.) shutter blade washer (4 Pieces)
0280-174	Sicherungshebel securing lever
0280-117	Sektorenscheibe shutter blade washer
0295-G20	Hemmwerk escapement mechanism
0310-G54	Vorlaufwerk self timer mechanism
00257-157	Anschlagplattenschr. stop plate screw
0280-121	Auslösrohr releasing tube
0257-122	Auslösstift releasing pin
0257-123	Auslösrohrschr schw. releasing tube thin
0257-124	Auslosrohrschr stark releasing tube thick
0257-134	Auslöshebelschr screw of inner releasing lever
0257-136	Auslöshebelunterlagsch washer of inner releasing lever
00257-135	Einstellbogenschr (2St.) top plate screw 2p.
0257-146	Fingerhebelschr screw of exterior releasing lever
0257-165	Führungsschraube guiding screw
0257-140	Finger-u.Riegelh-achse axis for ext.releasing lever and bar lever
0257-9	Irisschraube (2St.) diaphragm screw 2p
0257-11	Irisdeckscheibenschr(2St.) diaphr.covering plate screw 2p.

Teil



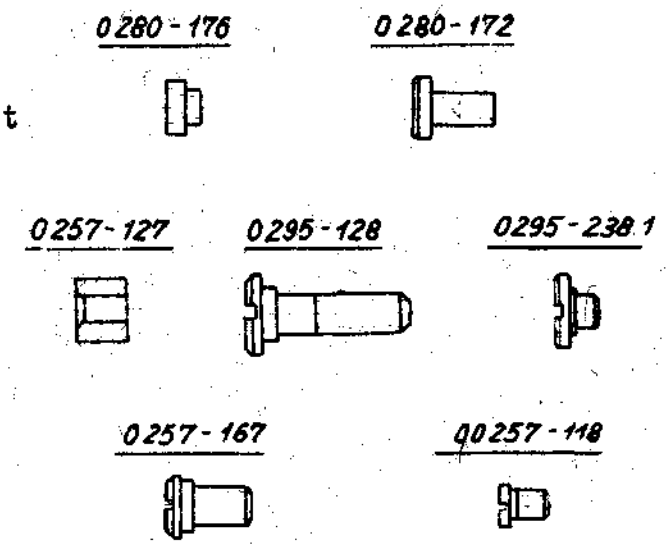
wird nur als Ganzes abgegeben

Only complete assembly can be supplied



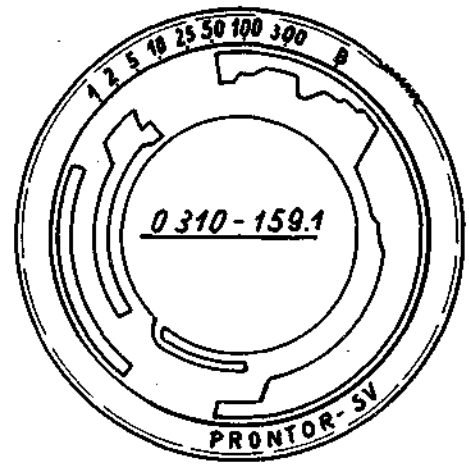
Teil-Nr.	Teilbenennung
0280-176	Isolationsbüchse klein insulating bushing small
0280-172	Kontaktplattenniet contact plate rivet
0257-127	Kontakthebelbüchse contact lever bushing
0295-128	Kontakthebelschr. 1 contact lever screw 1
0295-238.1	Kontakthebelschr. 2 contact lever screw 2
0257-167	Riegelhebelfederschr. screw for bar lever spring
00257-118	Sektorenschr. (5 Stück) shutter blade screw 5p.
0257-146	Spannhebelachsenschr. screw for cocking lever axis
0257-124	Werkteilschr. (3 Stück) screw for base plate (3 pieces)
0257-150	Werkbefestigungsschr. fixing screw for mechanism
0257-151	Werkbefestigungsschr. fixing screw for mechanism
0257-152	Zeithebelschraube time lever screw
0257-133	Auslöshebelfeder spring for inner releasing lever
0257-139	Fingerhebelfeder spring for exterior releasing lever
0257-144	Ringfeder spring for drive ring
0295-147	Treibfeder drive spring
0310-158	Vorlaufwerkfeder spring of self timer mechanism
0257-153	Zeit-u. Sperrhebelfeder spring of time and locking lever

Teil

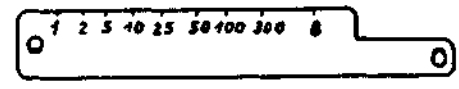


Alfred Gauthier G.m.b.H. Calmbach a.d. Enz	**Nr. 0 M 310**	Geänderte Teile Changed parts	Blatt 5
			geprüft:
			gefertigt:

Teil-Nr.	Teilbenennung:	Teil:
0310-159	Einstellring	
	an Stelle v. 0310-159	
	time setting ring	
	instead of 0310-159	
0310-163	Einstellbogen	
	an Stelle v. 0280-163	
	Top Plate	
	inst. of 0280-163	



0 310 - 159.1



0310 - 163

Alfred Gauthier G.m.b.H
Calmbach a.d. Enz

Nr. 0 M 310

Blatt: 6
gez. 2.10.53 Wolfinger
gepr.

Teil Nr:	Teilbenennung:
0257-50	Ankerhebelfeder
Anchor	Lever Spring
0257-51	Hemmwerkfeder
Escapement Mechanism Spring	
0310-166	Riegelhebelfeder
Bar Lever Spring	
0310-234	Umstellbrückenfeder
Spring	for Synchro Switch Bri
0257-108	Treibklinkenfeder
Driving	Latch Spring

Teil:

Federn
Springs

0257-50

0257-51

0310-166

0310-234

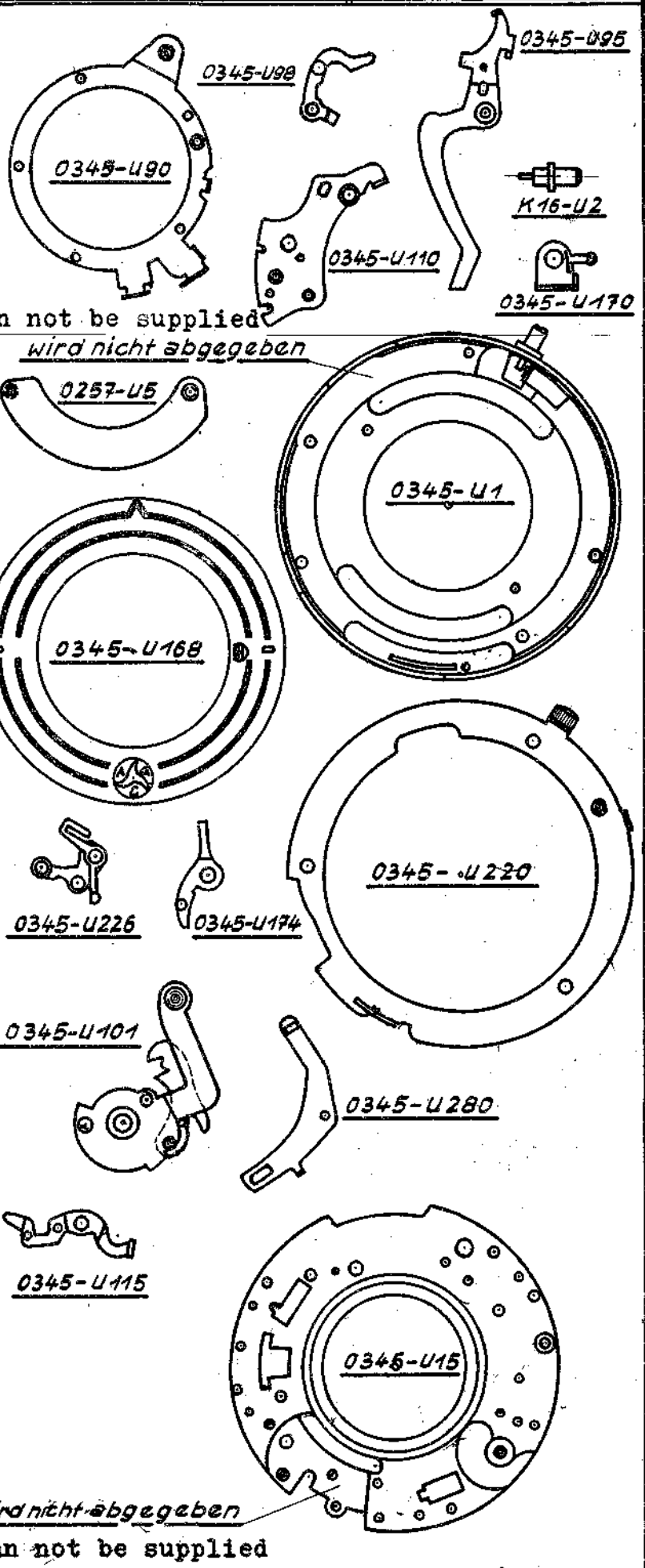
0257-108

Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz.

Mod. 0345

Liste besteht aus Bl. 1-4
Blatt Nr.: 1 | Gepr.:
Gefertigt: 25.8.54.

Teil Nr.:	Teilbenennung:	Teil:	Anz. der Änd.-Bl. 1- 8
0345-U90	Antriebring		
	Drive Ring		
0345-U98	Auslöshebel		
	Release Lever		
0345-U95	Fingerhebel		
	Trigger Release		
0345-U110	Fingerhebelplatte		
	Trigger Release Plate		
0345-U168	Frontplatte		
	Front Plate		
0257-U5	Irislamelle		
	Diaphragm Blade		
0345-U1	Kapsel		
	Housing		
0345-U170	Kontaktfeder		
	Contact Spring		
K16-U2	Kontakt		
	Contact		
0345-U220	Umstellring		
	Synchro Switch Ring		
0345-U226	Schalthebel		
	Switch Lever		
0345-U174	Sicherungshebel		
	Locking Lever		
0345-U101	Spannhebel		
	Cocking Lever		
0345-U280	Spannarm (2)		
	Cocking Arm (2)		
0345-U15	Werkteil		
	Base Plate		
0345-U115	Zeithebel		
	Time Lever		



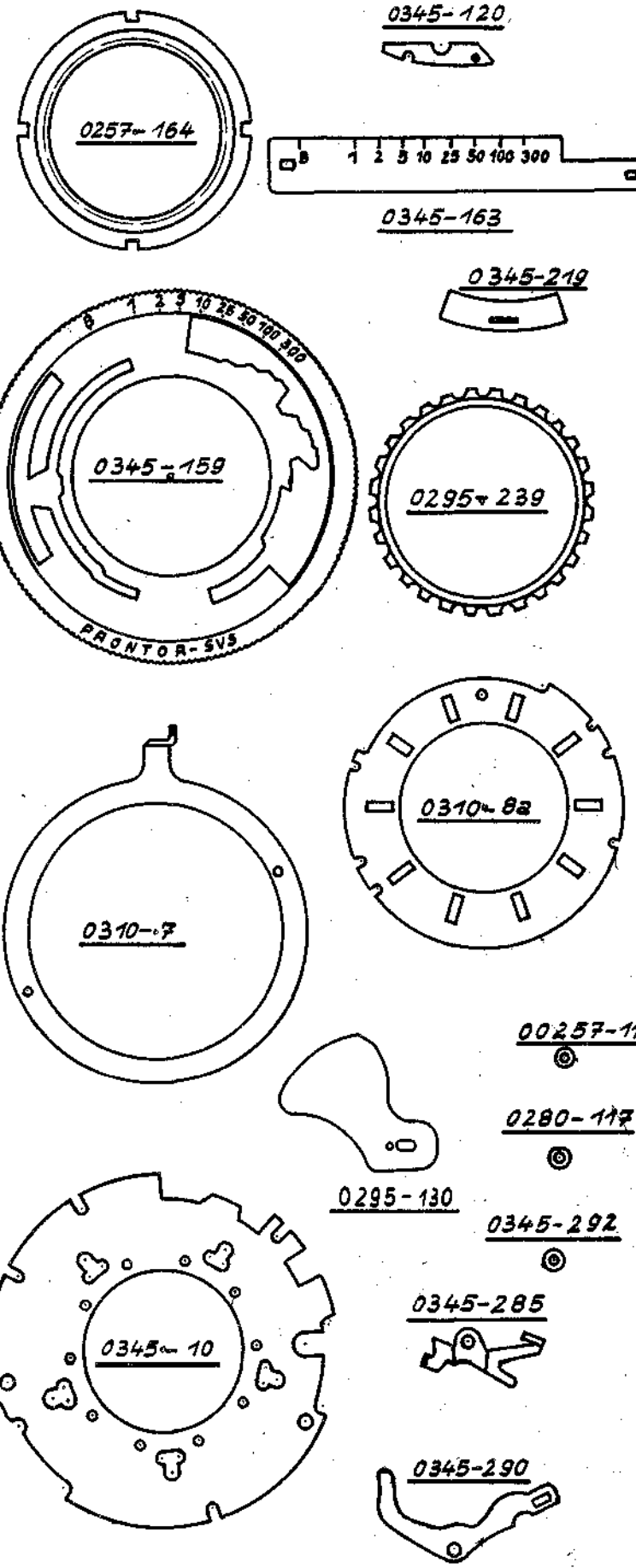
Alfred Gauthier G.m.b.H.
Calmbach a.d.Enz

Mod. 0 345

Liste besteht aus Blatt
Blatt Nr.: 2 Gepr.
Gefertigt: 25.8.54.

Teil Nr.	Teilbenennung:
0257-164	Anschraubring
	Flange
0345-120	Auslösrohrplatte
Cable Release Socket Plate	
0345-219	Abdeckblech
	Covering Plate
0345-163	Einstellbogen
	Index Plate
0345-159	Einstellring
Speed Setting Ring	
0295-239	Frontplattenring
Front Plate Retaining Ring	
0310-7	Iriszeigerring
Diaphragm Index Ring	
0310-8a	Irisscheibe
Diaphragm Disk	
0345-10	Irisdeckscheibe
Diaphragm Covering Disk	
0295-130	Sektor 5 Stück
Shutter Blade 5 pcs.	
00257-117	Sektorenscheibe 4St.
Shutter Blade Washer 4 pcs.	
0280-117	Sektorenscheibe
Shutter Blade Washer	
0345-292	Stützhebelscheibe
Supporting Lever Disk	
0345-285	Stützhebel
Supporting Lever	
0345-290	Spannarm (1)
Cocking Arm (1)	

Teil:



Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

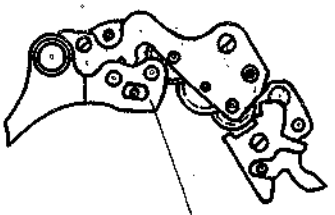
Mod. 0345

Liste besteht aus Blatt
Blatt Nr.: 3 | Gepr.
Gefertigt: 25.8.54

Teil Nr.	Teilbenennung:
0320-G20	Hemmwerk
	Slow Speed Assembly
0345-G54	Vorlaufwerk
	Delayed Action Assembly
0345-121	Auslösrohr
	Cable Release Socket
0257-122	Auslösrohrstift
	Cable Release Socket Pin
0257-209	Auslösrohrschr. schwach
	Cable Rel.Socket Screw/small
0257-124	Auslösrohrschr. stark
	Cable Rel.Socket Screw/large
0345-134	Auslöshebelschraube
	Release Lever Screw
0345-136	Auslöshebelunterlagscheibe
	Release Lever Washer
00257-135	Einstellbogenschraube
	Index Plate Screw
00257-157	Fingerhebelplattenschr.
	Trigger Release Plate Screw
0257-146	Fingerhebelschraube
	Trigger Release Screw
0257-9	Irisschraube 2 Stück
	Diaphragm Screw 2 pcs.
0257-11	Irisdeckscheibenschr. 2St.
	Diaphragm Covering Disk Screw 2 pcs.
0320-229	Schalthebelschraube
	Switch Lever Screw
00279-118	Sektoranschraube 5St.
	Shutter Blade Screw 5 pcs.
0257-146	Spannhebelachsenschr.
	Screw for Cocking Lever Post
00345-435	Spannarmschraube
	Cocking Arm Screw
0345-149	Vlfw. Befestigungsschr. 2St.
	Fixing Screw for Delayed Action Assembly 2 pcs.
0345-275	Vlfw. Unterlegscheibe
	Washer for Del. Action Assembly
0345-149	Werkteilschraube 3St.
	Base Plate Screw 3 pcs.
0257-150	Werkbefestigungsschr.
	Fixing Screw for Assembly

Teil:

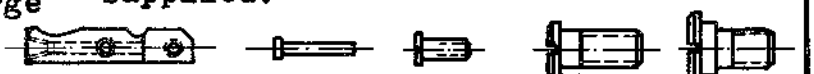
0320-G20



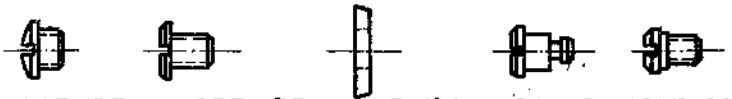
0345-G54

wird nur als ganzes abgegeben

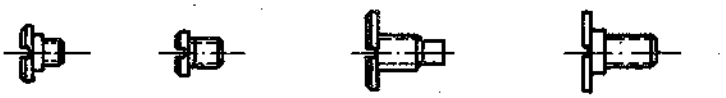
only complete assembly can be supplied.



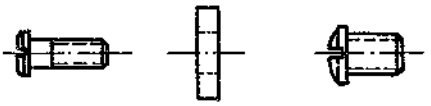
0345-121 | 0257-122 | 0257-209 | 0257-124 | 0345-134



00257-135 | 00257-157 | 0345-136 | 0257-9 | 0257-11



0320-229 | 00279-118 | 0257-146 | 00345-435



0345-149 | 0345-275 | 0257-150

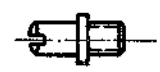
Alfred Gauthier G.m.b.H.
Calmbach a.d.Enz

Mod. 0345

Liste besteht aus Blatt
Blatt Nr. 4 | Gepr.
Gefertigt: 26.8.54.

Teil Nr.	Teilbenennung:
0257-151	Werkbefestigungsschr.
	Fixing Screw for Assembly
0257-152	Zeithebelschraube
	Time Lever Screw
0345-133	Auslöshebelfeder
	Release Lever Spring
0257-139	Fingerhebelfeder
	Trigger Release Spring
0345-215	Schalthebelfeder
	Switch Lever Spring
0345-287	Stützhebelfeder
	Supporting Lever Spring
0295-147	Treibfeder
	Drive Spring
0345-158	Vorlaufwerkfeder
	Spring for Del.Action Assembly
0345-153	Zeithebelfeder
	Time Lever Spring
0345-257	Rastenfeder
	Notch Spring
0320-144	Ringfeder
	Ring Spring

Teil:


0257-151

0257-152

0345-133

0257-139

0345-215

0345-287

0295-147

0345-158

0345-153

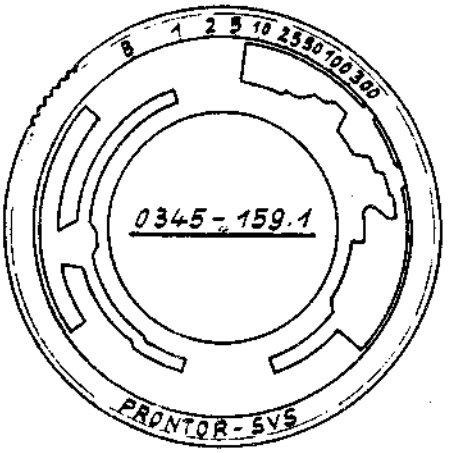
0345-257

0320-144

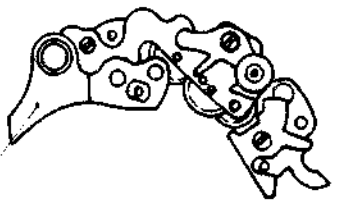
Alfred Gauthier GmbH. Calmbach a.d. Enz	Mod. 0345	geänderte Teile / Changed parts	Liste besteht aus Blatt 1-8
			Blatt Nr. 1 / Gepr.
			Gefertigt: 10. 8. 55

Teil Nr.	Teilbenennung:
0345-159.1	Einstellring an Stelle v. 0345-159
	Speed Setting Ring inst.of 0345-159
0345-G20	Hemmwerk an Stelle v. 0320-G20
	Slow Speed Assembly inst.of 0320 - G20

Teil:



0345-G20



Wird nur als Ganzes abgegeben!

Only complete assembly can be supplied

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0345

Geänderte Teile
Changed parts

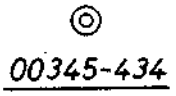
Liste besteht aus Blatt
Blatt Nr. 2 | Gepr.
Gefertigt: 8.3.57

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	0346 - 130	Sektor 5 Stück an Stelle v. 0295-130 shutter blade 5 pcs. inst. of 0295-130
2	0345-316	Zwischenplatte nach Bedarf intermediate plate according to requirement
3		
4	00345-434	Spannarmscheibe cocking washer
5	0345-U101.1	Spannhebel an Stelle v. 0345-U101 cocking lever inst. of 0345-U101
6	0345-108	Treibklinkenfeder driving latch spring
7	0345-U15.1	Werkteil an Stelle v. 0345-U15 base plate inst. of 0345-U15
8	0345-G54.1	Vorlaufwerk an Stelle v. 0345-G54 delayed action assembly inst. of 0345-G54
9		
10	0345-222	Umstellringschr. synchro switch screw

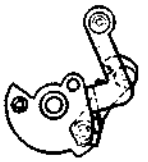
Teil:

0346-130

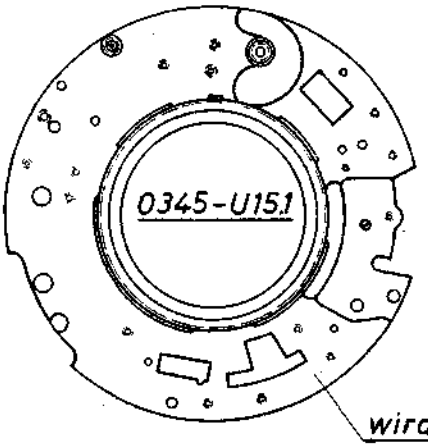
0345-316


00345-434

0345-108


0345-U101.1

0345-G54.1
wird nur als Ganzes abgegeb.
only complete assembly can be supplied


0345-U15.1
wird nicht abgegeben
cannot be supplied

0345-222

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
5383	1	8.3.57	5590	5,6,7	8.3.57			
5467	2	" "	5609	10	" "			
			5624	8	" "			
5575	4	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

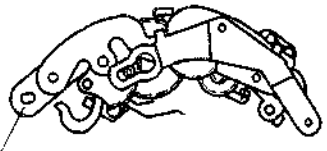
Mod. 0345

Geänderte Teile
Changed parts

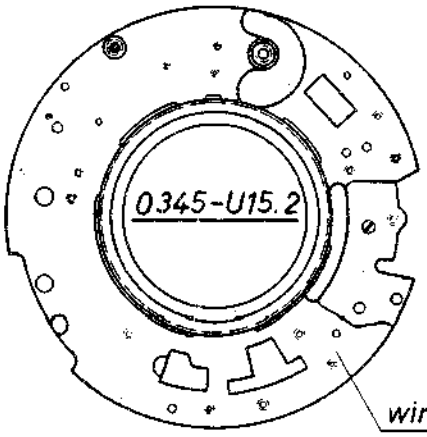
Liste besteht aus Blatt
Blatt Nr. 3 | Gepr.
Gefertigt: 11.3.57 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	0445 - G54	Vorlaufwerk an Stelle v. 0345 - G54.1 delayed action assembly inst. of 0345 - G54.1
2	0345 - U15.2	Werkteil an Stelle v. 0345 - U15.1 base plate inst. of 0345 - U15.1
3	0345 - U90.1	Antriebring an Stelle v. 0345 - U90 drive ring inst. of 0345 - U90
4	0345 - U1.1	Kapsel an Stelle v. 0345 - U1 housing inst. of 0345 - U1
5	0345 - U340	Rastenhebel notch lever
6	0345 - 343	Rastenfeder an Stelle v. 0345 - 257 notch spring inst. of 0345 - 257

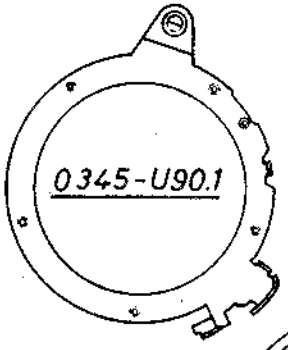
Teil:



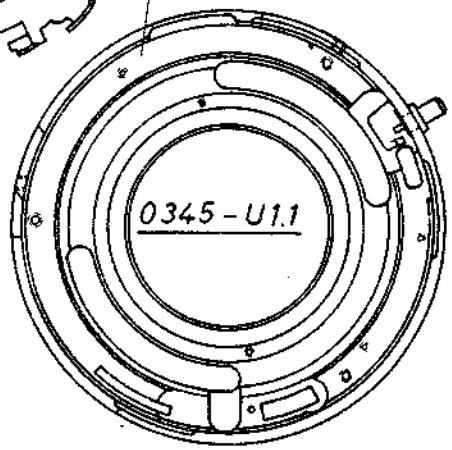
0445 - G54
wird nur als Ganzes abgegeben
only complete assembly can be supplied



wird nicht abgegeben
cannot be supplied



wird nicht abgegeben
cannot be supplied



0345-U340

0345-343

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6100	1,2	11.3.57						
6175	3	" " "						
6278	4,5,6	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

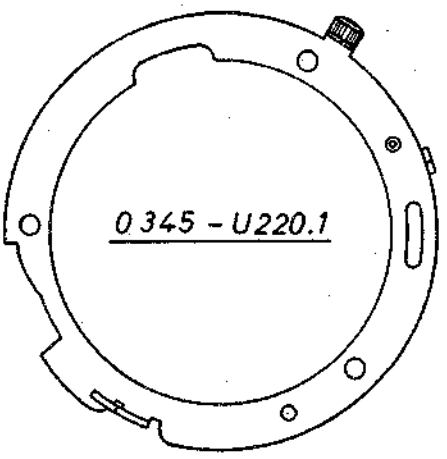
Mod. 0345

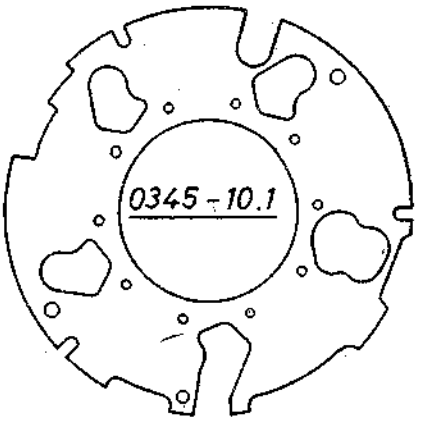
Geänderte Teile
Changed parts

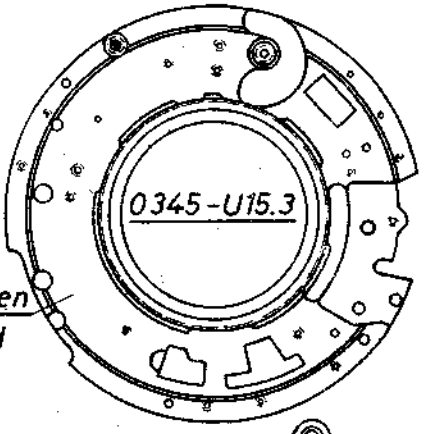
Liste besteht aus Blatt
Blatt Nr. 4 | Gepr.
Gefertigt: 12.3.57 | le.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	0345 - U220.1	Umstellring an Stelle v. 0345 - U220 synchro switch ring inst. of 0345 - U220
2	0345 - 10.1	Irisdeckscheibe an Stelle v. 0345 - 10 diaphragm covering disk inst. of 0345 - 10
3	0345 - U15.3	Werkteil an Stelle v. 0345 - U15.2 base plate inst. of 0345 - U15.2
4	0345 - G54.2	Vorlaufwerk an Stelle v. 0445 - G54 delayed action assembly inst. of 0445 - G54
5	0345 - U90.2	Antriebring an Stelle v 0345 - U90.1 drive ring inst. of 0345 - U90.1

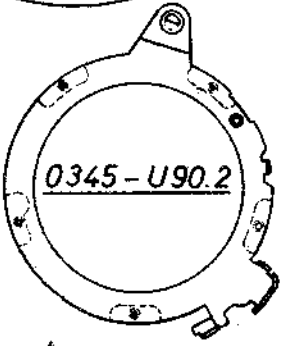
Teil:

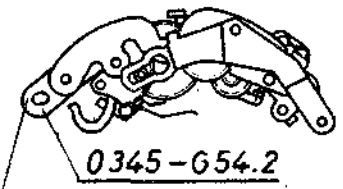






wird nicht abgegeben
cannot be supplied





wird nur als Ganzes abgegeben
only complete assembly can be supplied

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6278	1,2,3,4,5	12.3.57						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0345

Geänderte Teile
Changed parts

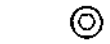
Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt: 13.3.57 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	0475 - U130	Sektor 4 Stück an Stelle v. 0346-130 4Stck. shutter blade 4 pcs. inst. of 0346-130 4pcs.
2	0475 - U130a	Sektor 1Stück an Stelle v. 0346-130 1Stck. shutter blade 1 pcs. inst. of 0346-130 1pcs.
3	0475 - 117	Sektorenscheibe 5 Stück an Stelle v. 00257-117 4Stck. 0280-117 1Stck. shutter blade washer 5pcs. inst. of 00257-117 4 pcs. 0280-117 1 pcs.
4	0475 - 131	Sektorenschraube 5 Stck. an Stelle v. 00279-118 shutter blade screw 5pcs. inst. of 00279-118
5	0345 - 149	Vlfw. Bef.-Schr. kurz 1 Stck. an Stelle v. Vlfw. Bef.-Schr. 2Stck. fitting screw for d.a. short 1pcs. inst. of fittingscrew for d.a. 2 pcs.
6	0345 - 413	Vlfw. Bef.-Schr. long 1Stck. fitting screw for d.a. long 1pcs.
7	0345 - U414	Abdeckfolie cover blade
8	0345 - 413.1	Vlfw. Bef.-Schraub long an Stelle v. 0345-413 fitting screw for d.a. long inst. of 0345-413
9	00257 - 117	Sektorenscheibe 1Stück shutter blade washer 1pcs.
10	0475 - 117	Sektorenscheibe 4 Stück an Stelle v. 5 Stück shutter blade washer 4pcs. inst. of 5 pcs.

Teil:

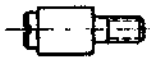
0475 - U130

0475 - U130a



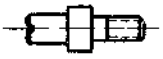
0475 - 117

0475 - 131



0345 - 413

0345 - U414



0345 - 413.1

00257 - 117

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6278	1,2,3,4	13. 3. 57	6748	10	13.3.57			
6414	5, 6	" " "						
6656	7, 8	" " "						
6676	9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

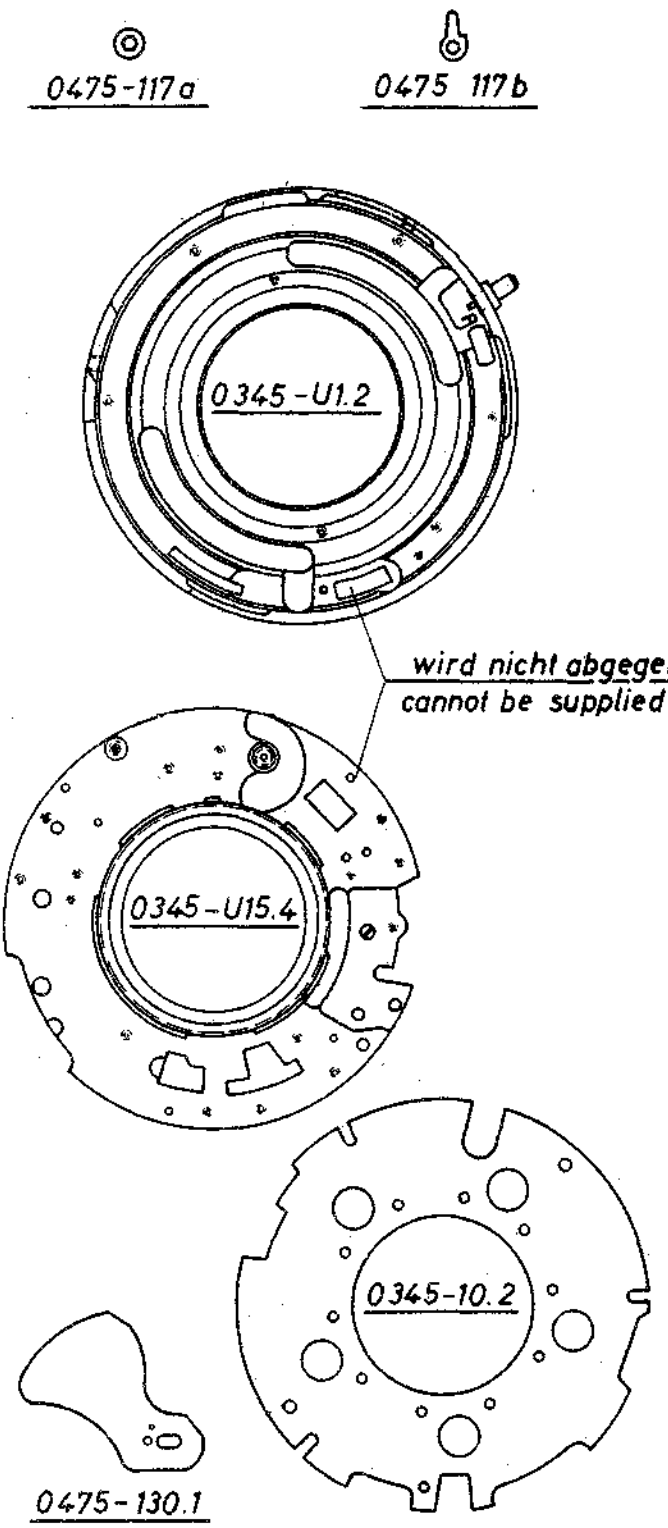
Mod. 0345

Geänderte Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 6 | Gepr.
Gefertigt: 14. 3. 57 | le.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	0475 - 117a	Sektorenscheibe 1Stück an Stelle v. 00257-117 shutter blade washer 1pcs. inst. of 00257-117
2	0475 - 117b	Sektorenscheibe 1Stück an Stelle v. 0475-117a shutter blade washer 1pcs. inst. of 0475-117a
3	0345 - U1.2	Kapsel an Stelle v. 0345-U1.1 housing inst. of 0345-U1.1
4	0345 - U15.4	Werkteil an Stelle v. 0345-U15.3 base plate inst. of 0345-U15.3
5	0345 - 10.2	Irisdeckscheibe an Stelle v. 0345-10.1 diaphragm covering disk inst. of 0345-10.1
6	0475 - 130.1	Sektor 5 Stück an Stelle v. 0475-U130 4 Stück " " " 0475-U130a 1Stück shutter blade 5 pcs. inst. of 0475-U130 4pcs. " " 0475-U130a 1pcs.
7	0475 - 117	Sektorenscheibe 5Stck. an Stelle v. 0475-117 4 Stck " " " 0475-117b 1Stck shutter blade washer 5pcs. inst. of 0475-117 4pcs. " " 0475-117b 1pcs.
8	0475 - 117.1	Sektorenscheibe 5Stück an Stelle v. 0475-117 shutter blade washer 5pcs. inst. of 0475-117
9	0475 - 130.1	Sektor 6 Stück an Stelle v. 5 Stück shutter blade 6 pcs. inst. of 5pcs.

Teil:



Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6748	1	14. 3. 57	7231	9	14. 3. 57			
6850	2	" " "						
7108	3,4,5,6,7	" " "						
7175	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

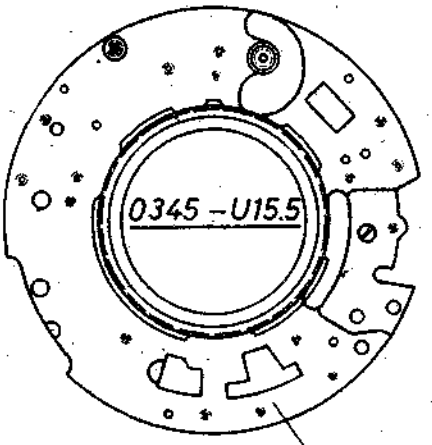
Mod. 0345

Geänderte Teile
Changed parts

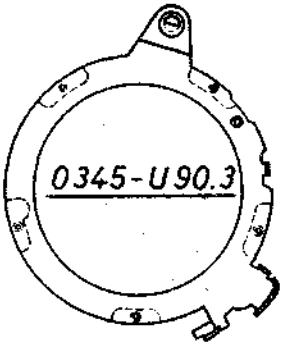
Liste besteht aus Blatt .....
Blatt Nr. 7 | Gepr. .....
Gefertigt: 14.3.57 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	0345 - U15.5	Werkteil an Stelle v. 0345-U15.4
		base plate inst. of 0345-U15.4
2	0345 - U90.3	Antriebring an Stelle v. 0345-U90.2
		drive ring inst. of 0345-U90.2
3	0475 - 117	Sektorenscheibe 5 Stück an Stelle v. 0475-117.1
		shutter blade washer 5pcs inst. of 0475-117.1
4	0475 - 130.1	Sektor 5 Stück an Stelle v. 6 Stück
		shutter blade 5 pcs. inst. of 6 pcs.
5	0345 - U101.2	Spannhebel an Stelle v. 0345-U101.1
		cocking lever inst. of 0345-U101.1
6	0345 - U15.6	Werkteil an Stelle v. 0345-U15.5
		base plate inst. of 0345-U15.5
7	0257 - 146.1	Spannhebelachsenschr. an Stelle v. 0257-146
		screw for cocking lever post inst. of 0257-146
8	0345 - U101.3	Spannhebel inst. of 0345-U101.2
		cocking lever inst. of 0345-U101.2
9	0345 - 437	Unterlegscheibe
		washer

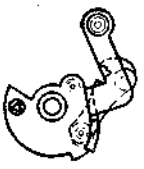
Teil:



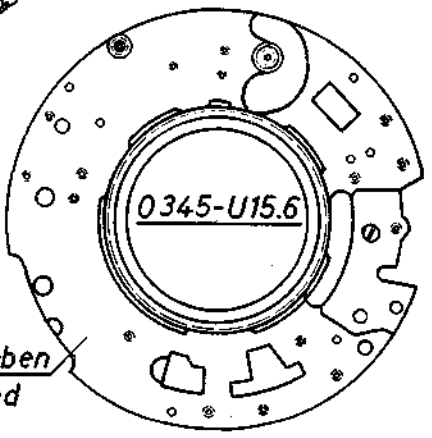
wird nicht abgegeben
cannot be supplied



0475-117

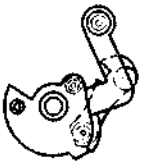


0345-U101.2



wird nicht abgegeben
cannot be supplied

0257-146.1



0345-U101.3

0345-437

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7231; 7310	1	14. 3. 57	7240	7	19. 3. 57	7452	9	19. 3. 57
7231	2	" " "	7280	3	" " "			
7237; 7238	5	" " "	7310	4	" " "			
7239	6	" " "	7450	8	" " "			

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

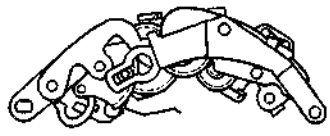
Mod. 0345

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 8 | Gepr. .....
Gefertigt: 4.7.58 fe.

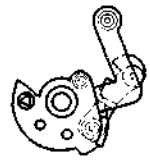
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	0375 d - G54	Vorlaufwerk an Stelle v. 0345 - G54.2
		delayed action device inst. of 0345 - G54.2
2	0475 - U101.1	Spannhebel an Stelle v. 0345 - U101.3
		cocking lever inst. of 0345 - U101.3
3	0345 - U90.4	Antriebring an Stelle v. 0345 - U90.3
		drive ring inst. of 0345 - U90.3
4	0475 - 215	Schalthebelfeder an Stelle v. 0345 - 215
		switch lever spring inst. of 0345 - 215
5	0346y - 215	Schalthebelfeder an Stelle v. 0475 - 215
		switch lever spring inst. of 0475 - 215
6	0345 - U15.7	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 0345 - U15.6
		base plate (with. sketsch) cannot be supplied inst. of 0345 - U15.6
7	0345 - 149	Vlfw. Befest. Schr. kurz 2 Stck. an Stelle v. 0345 - 413.1
		fixing screw for del. act. dev. 2 pcs. inst. of 0345 - 413.1
8		
9		
10		

Teil:

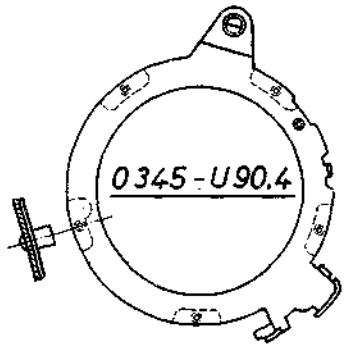


0375d - G54

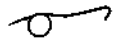
wird nur als Ganzes abgegeben
only complete assembly can be supplied



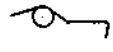
0475 - U1011



0345 - U90.4



0475 - 215



0346y - 215

0345 - 149

Änderungszustand dieses Blattes

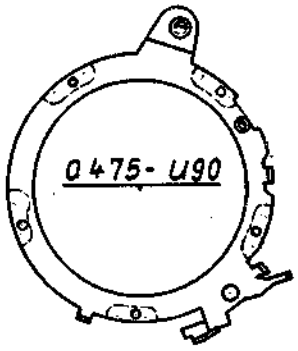
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7518; 7756	1	4.7.58	7953	5	4.7.58			
7698	2	" "	8549	6	" "			
7832	3	" "	9473	7	3.9.59			
7888	4	" "						

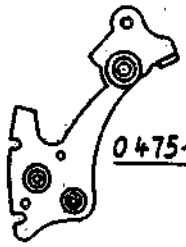
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

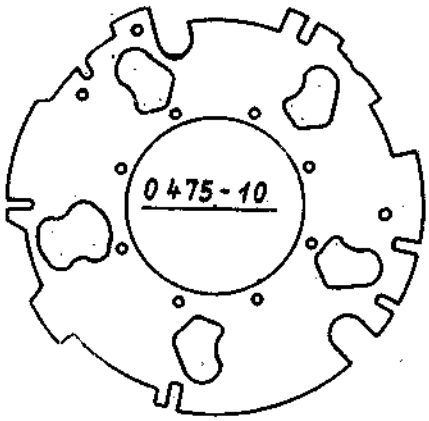
Mod. 0475

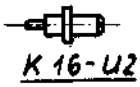
Liste besteht aus Blatt 1-5
Blatt Nr. 1 | Gepr.
Gefertigt: 6.12.56 M.
Teil: | Anz.d.Änd.Bl. 1-8

Teil Nr.:	Teilbenennung:
0475- U90	Antriebring
	drive ring
0475- U95	Fingerhebel
	trigger release
0475-U110	Fingerhebelplatte
trigger	release plate
0475- U168	Frontplatte (ohne Skizze)
	front plate
0475- U5	Irislamelle
	diaphragm blade
0475 - 10	Irisdeckscheibe
diaphragm	covering disk
K16 - U2	Kontakt
	contact
0475-U170	Kontaktfeder
	contact spring
0475- U1	Kapsel
	shutter housing
0475-U395	Kupplungshebel
	coupling lever
0475-U394	Kupplungsschieber
	coupling slide
0475-U226	Schalthebel
	control lever
0345-U101.1	Spannhebel
	cocking lever
0475-U130	Sektor 4 Stck.
shutter	blade 4 pieces
0475-U130a	Sektor 1 Stck.
shutter	blade 1 piece
0345-U174	Sicherungshebel
	locking lever

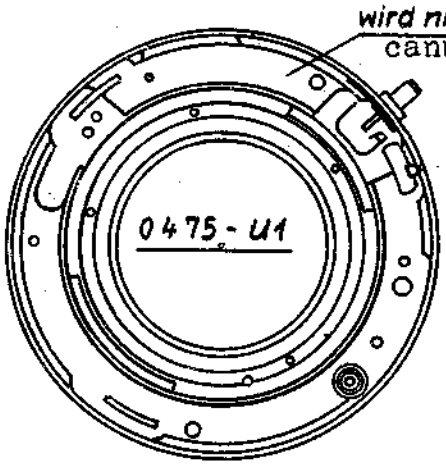


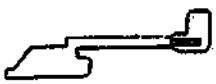






wird nicht abgegeben
cannot be supplied





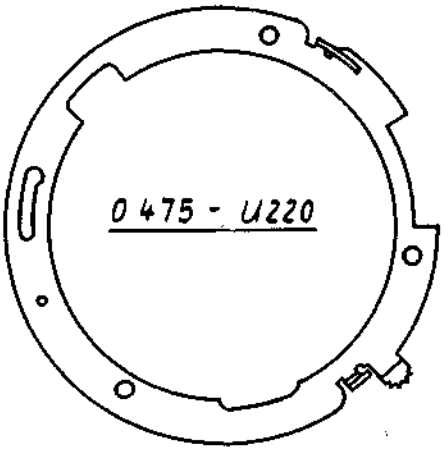
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 0 475

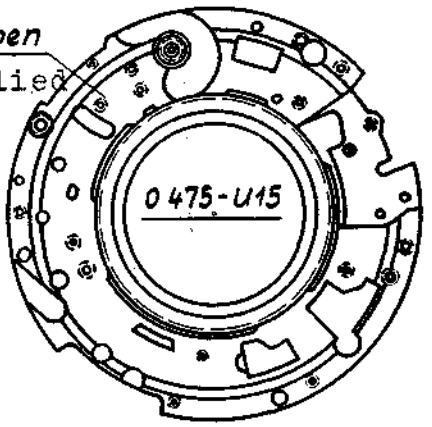
Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 6.12.56 Le.

Teil Nr.:	Teilbenennung:
0 475 - U220	Umstellring
	synchro switch ring
0 475 - U15	Werkteil
	base plate
0 475 - U362	Zeit-Rastenhebel
	time notched lever
0257 - 164	Anschraubring
	flange
0345 - 120	Auslösrohrplatte
	cable release socket plate
0475 - 98	Auslöshebel
	release lever
0475 - 163	Einstellbogen (ohne Skizze)
	index plate (without sketch
0475 - 159	Einstellring
	speed setting ring
0295 - 239	Frontplattenring
	front plate ring
0475 - 368	Führungsplatte 3 Stck
	guide plate 3 pieces

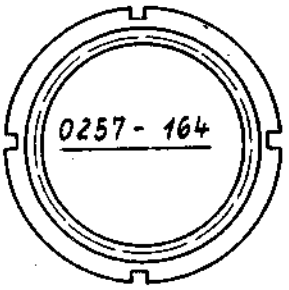
Teil:



wird nicht abgegeben
cannot be supplied

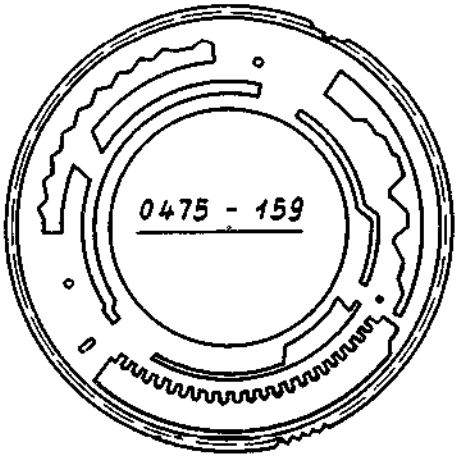


0 475 - U362



0345 - 120

0475 - 98



0475 - 368

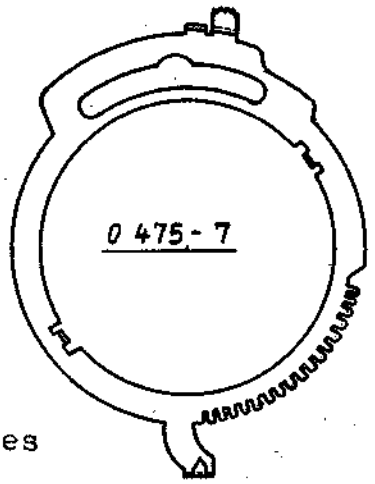
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

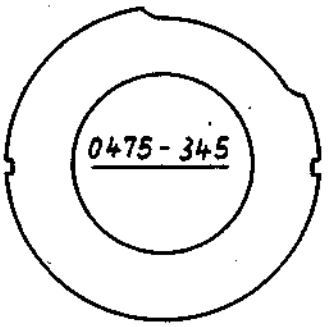
Mod. 0475

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 6.12.56 fe.

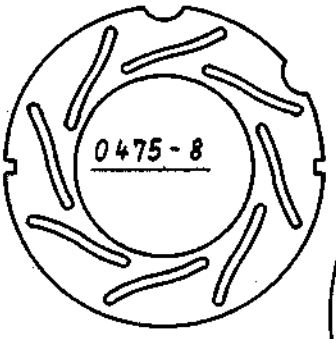
Teil Nr.:	Teilbenennung:
0475 - 7	Iriszeigerring
	diaphragm index ring
0475 - 345	Irisabdeckscheibe
	diaphragm covering disk
0475 - 8	Irisscheibe
	diaphragm disk
0475 - 398	Kupplungsscheibe
	coupling slide
0475 - 388	Lichtwertring
	exposure value ring
0475 - 117	Sektorenscheibe 5Stck.
	shutter blade washer 5 pieces
0475 - 290	Spannarm I
	cocking arm I
0345 - 275	Vorlaufwerkunterlegscheibe
	delayed action washer
0475 - 386	Vorlaufwerkrastenhebel
	notched lever for d.a.
0475 - 115	Zeithebel
	time lever
0475 - G20	Hemmwerk
	slow speed assembly
0475 - G54	Vorlaufwerk
	delayed action assembly

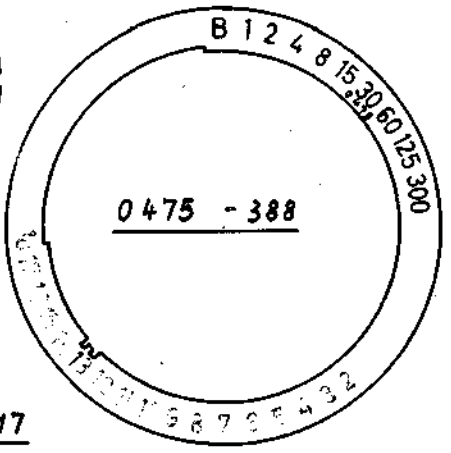
Teil:



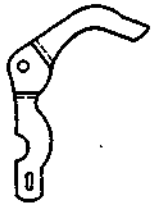


0475 - 398





0475 - 117



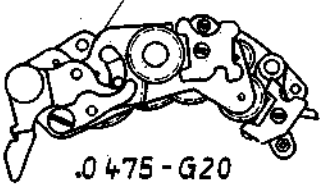
0 475 - 290

0345 - 275

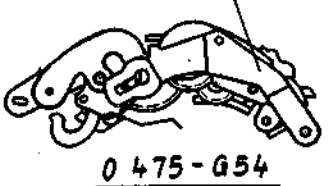
0 475 - 386

0 475 - 115

only complete assembly can be supplied
wird nur als Ganzes abgegeben



.0 475 - G20



0 475 - G54

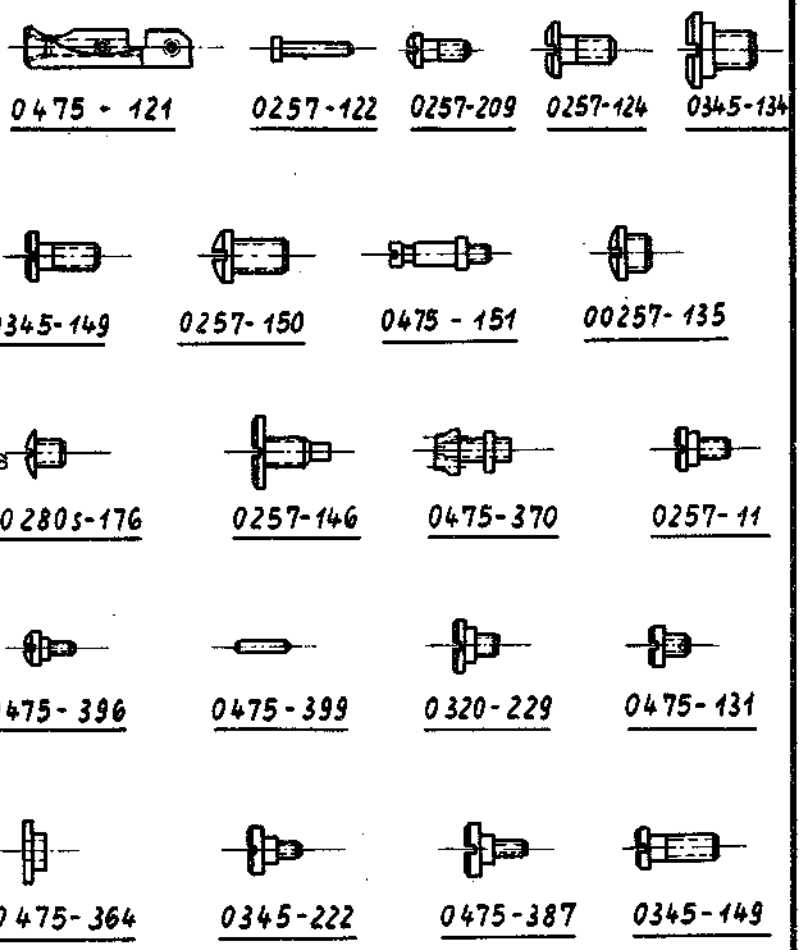
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 0 475

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 6.12.56 /e.

Teil Nr.:	Teilbenennung:
0475- 121	Auslösrohr
	cable release socket
0257 - 122	Auslösstift
	cable release socket pin
0257-209	Auslösrohrschr. schwach
	cable release socket screw small
0257 - 124	Auslösrohrschr. stark
	cable release socket screw large
0345 - 134	Auslöshebelschr.
	release lever screw
0345- 149	Bef.Schr. f. Vlfw. 2 Stck.
	fitting screw for d.a. 2 pieces
0257 - 150	Bef.Schr. f. HW kurz
	fitting screw for slow speed assembly short
0475 - 151	Bef. Schr. f. HW lang
	fitting screw for slow speed assembly long
00257-135	Einstellbogenschr. 2 Stck.
	index plate srew 2 pieces
00280s-176	Führungsplattenschr. 3Stck
	guide plate screw 3 pieces
0257 -146	Fingerhebelschr.
	trigger release screw
0475 - 370	Hohltrieb
	hollow pinion
0257 - 11	Irisdeckscheibenschr. 2 Stck.
	diaphragm covering disk screw 2 pieces
0475 - 396	Kupplungsschr.
	coupling screw
0475 - 399	Kupplungsstift
	coupling pin
0320 - 229	Schalthebelschr.
	control lever screw
0475 - 131	Sektorenschr. 5 Stck
	shutter blade screw 5 pieces
0475 - 364	Spannarmlagerbüchse
	cocking arm bearing bushing
0257 - 146	Spannhebelachsenschr.
	Screw for cocking lever
0345 - 222	Umstellringschr.
	synchro switch ring screw
0475 - 387	Vlfw.- Rastenhebelschr.
	notched lever screw for d.a.
0345 - 149	Werkteilschr. 4 Stück
	base plate screw 4 pieces

Teil:



Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

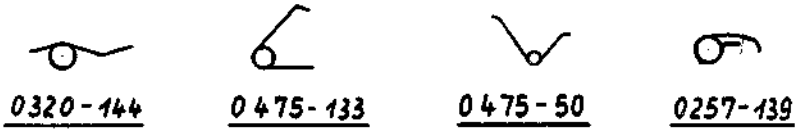
Mod. 0 475

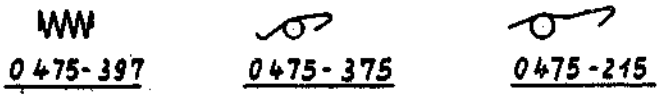
Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt: 6.12.56 K.

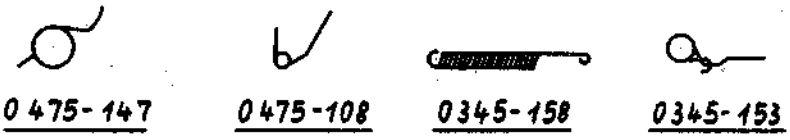
Teil Nr.:	Teilbenennung:
0257 - 152	Zeithebelschr.
	time lever screw
0475 - 435	Zeit-Rastenhebelschr.
screw for	time notch lever
0475 - 371	Zapfentrieb
	stud pin
0320 - 144	Antriebringfeder
drive	ring spring
0475 - 133	Auslöshebelfeder
release	lever spring
0475 - 50	Ankerhebelfeder
anchor	lever spring
0257 - 139	Fingerhebelfeder
trigger	release spring
0475 - 397	Kupplungsfeder
	coupling spring
0475 - 375	Rücklauffeder
	returning spring
0475 - 215	Schalthebelfeder
control	lever spring
0475 - 147	Spannhebelfeder
cocking	lever spring
0475 - 108	Treibklinkenfeder
driving	latch spring
0345 - 158	Vorlaufwerkfeder
delayed action	assembly spring
0345 - 153	Zeithebelfeder
	time lever spring

Teil:

0257-152 0475-435 0475-371


0320-144 0475-133 0475-50 0257-139


0475-397 0475-375 0475-215


0475-147 0475-108 0345-158 0345-153

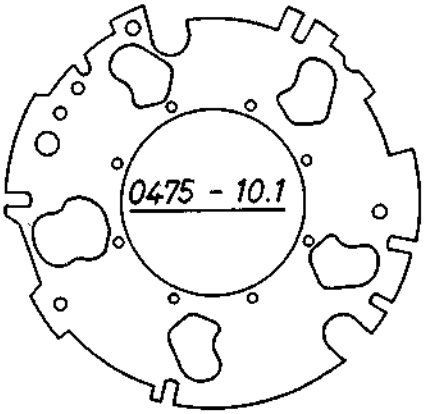
Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0475

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1-8
Blatt Nr. 1 | Gepr.
Gefertigt: 2.9.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 6658 Change Nr. 6658		
2	0475 - 10.1	Irisdeckscheibe an Stelle v. 0475-10	
		diaphragm cover disc inst. of 0475-10	
3	0475 - 8.1	Irisscheibe an Stelle v. 0475-8	
		diaphragm disc inst. of 0475-8	
4	0475 - 379	Blenden-Rastenhebelfeder	
	spring for diaphragm notch lever		
5	0475 - U1.1	Kapsel ohne Skizze wird nicht abgegeben an Stelle v. 0475-U1	
		housing with. sketch cannot be supplied inst. of 0475-U1	
6			
	Änderung Nr. 6676 Change Nr. 6676		
7	00257 - 117	Sektorenscheibe	
		shutter blade washer	
8			
	Änderung Nr. 6717 Change Nr. 6717		
9	0475 - 434	Zeit-Rastenhebelrolle	
		click stop lever roll	
10			



0475-379

00257-117

0475-434

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6658	2, 3, 4, 5	2. 9. 59						
6676	7	" " "						
6717	9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0475

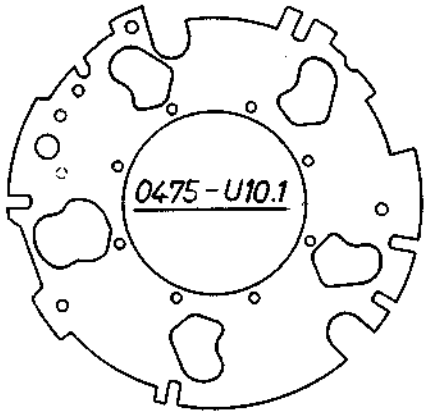
Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 2.9.59 fe.

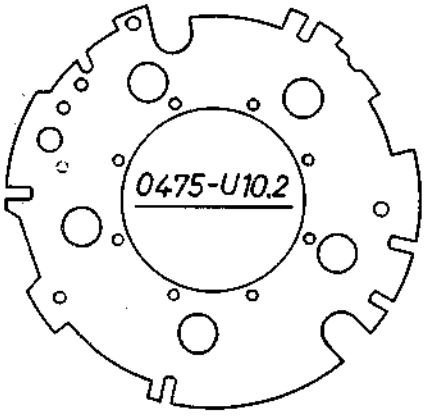
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 6748 / Change Nr. 6748	
2	0475 - 117	Sektorenscheibe 4 Stck. an Stelle v. 5 Stück
		shutter blade washer 4 pcs inst. of 5 pcs.
3	0475 - 117a	Sektorenscheibe an Stelle v. 00257-117
		shutter blade washer inst. of 00257-117
4		
	Änderung Nr. 6833 / Change Nr. 6833	
5	0475 - U10.1	Irisdeckscheibe an Stelle v. 0475-10.1
		diaphragm cover disc inst. of 0475-10.1
6		
	Änderung Nr. 6850 / Change Nr. 6850	
7	0475 - 117b	Sektorenscheibe an Stelle v. 0475-117a
		shutter blade washer inst. of 0475-117a
8		
	Änderung Nr. 7108 / Change Nr. 7108	
9	0475 - U10.2	Irisdeckscheibe an Stelle v. 0475-U10.1
		diaphragm cover disc inst. of 0475-U10.1
10	0475 - U1.2	Kapsel ohne Skizze wird nicht abgegeben an Stelle v. 0475 - U1.1
		housing with. sketch cannot be supplied inst. of 0475 - U1.1

0.12 dick
0.12 thick
0475 - 117

0.2 dick
0.2 thick
0475 - 117a



0475-117b



Fortsetzung zu Änd. Nr. 7108 auf Bl. Nr. 3
continuation of change Nr. 7108 on sheet 3

Änderungszustand dieses Blattes

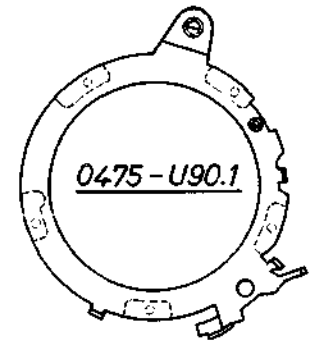
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6748	2,3	2.9.59						
6833	5	" " "						
6850	7	" " "						
7108	9,10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0475

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 2.9.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	0475 - U15.1	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0475 - U15	
		base plate with sketch cannot be supplied inst. of 0475 - U15	
2	0475 - 130.1	Sektor 5 Stück an Stelle v. 0475-U130 4 Stck. " " " 0475-U130a 1 Stck.	0475 - 130.1
		shutter blade 5 pcs. inst. of 0475 - U130 4 pcs. " " 0475 - U130a 1 pcs.	
3	0475 - 117	Sektorenscheibe 5 Stück an Stelle v. 0475 - 117 4 Stck. " " " 0475 - 117b 1 Stck.	◎ 0475-117
		shutter blade washer 5 pcs. inst. of 0475 - 117 4 pcs. " " 0475 - 117b 1 pcs.	
4			
	Änderung Nr. 7175 / Change Nr. 7175		
5	0475 - 117.1	Sektorenscheibe 5 Stck an Stelle v. 0475 - 117	◎ 0475 - 117.1
		shutter blade washer 5 pcs. inst. of 0475 - 117	
6			
	Änderung Nr. 7231; 7310 / Change Nr. 7231; 7310		
7	0475 - U15.2	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0475 - U15.1	
		base plate with sketch cannot be supplied inst. of 0475 - U15.1	
8	0475 - U90.1	Antriebring an Stelle v. 0475 - U90	 0475 - U90.1
		drive ring inst. of 0475 - U90	
9	0475 - 130.1	Sektor 6 Stück an Stelle v. 5 Stück	
		shutter blade 6 pcs. inst. of 5 pcs.	
10			

Änderungszustand dieses Blattes

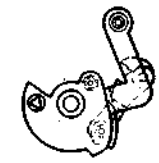
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7108	1, 2, 3	2. 9. 59						
7175	5	" " "						
7231; 7310	7, 8, 9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0475

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 2. 9. 59 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
2	Änderung Nr. 7238 Change Nr. 7238		
3	0345 - U101.2	Spannhebel an Stelle v. 0345-U101.1 cocking lever inst. of 0345-U101.1	 0345 – U 101.2
4	Änderung Nr. 7239 Change Nr. 7239		
5	0475 - U15.3	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0475-U15.2 base plate with. sketch cannot be supplied inst. of 0475-U15.2	
6	Änderung Nr. 7240 Change Nr. 7240		
7	0257 - 146.1	Spannhebelachsensch. an Stelle v. 0257-146 cocking lever axis screw inst. of 0257-146	 0257 – 146.1
8			
9			
10			

Änderungszustand dieses Blattes

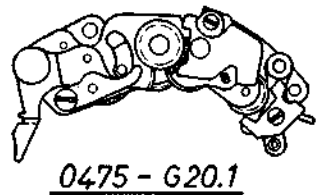
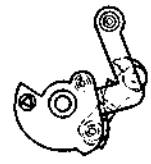
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7238	3	2. 9. 59						
7239	5	" " "						
7240	7	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0475

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt: 2. 9. 59 .....

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 7280 Change Nr. 7280		
2	0475 - 117	Sektorenscheibe 5 Stück an Stelle v. 0475-117.1	◎ 0475-117
		shutter blade washer 5 pcs inst. of 0475 - 117.1	
3			
	Änderung Nr. 7282, 7403 Change Nr. 7282, 7403		
4	0475 - G20.1	Hemmwerk an Stelle v. 0475 - G20	 0475 - G20.1 wird nur als Ganzes abgegeben only complete assembly can be supplied
		slow speed assembly inst. of 0475 - G20	
5			
	Änderung Nr. 7310 Change Nr. 7310		
6	0475 - 130.1	Sektor 5 Stück an Stelle v. 6 Stück	 0475 - 130.1
		shutter blade 5 pcs. inst. of 6 pcs.	
7			
	Änderung Nr. 7450 Change Nr. 7450		
8	0345 - U101.3	Spannhebel an Stelle v. 0345 - U101.2	 0345 - U 101.3
		cocking lever inst. of 0345 - U101.2	
9			
	Änderung Nr. 7452 Change Nr. 7452		
10	0345 - 437	Unterlegscheibe	◎ 0345-437
		washer	

Änderungszustand dieses Blattes

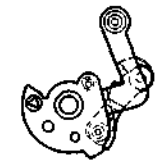
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7280	2	2. 9. 59	7452	10	2. 9. 59			
7282,7403	4	" " "						
7310	6	" " "						
7450	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0475

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 6 | Gepr. .....
Gefertigt: 2.9.59 ke.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 7461 Change Nr. 7461		
2	0475 - 108.1	Treibklinkenfeder an Stelle v. 0475-108	 0475-108.1
		driving latch spring inst. of 0475 - 108	
3	0475 - U15.4	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0475 - U15.3	
		base plate with. sketch cannot be supplied inst. of 0475 - U15.3	
4			
	Änderung Nr. 7524 Change Nr. 7524		
5	0475 - 396.1	Kupplungsschr. an Stelle v. 0475-396	 0475-396.1
		coupling screw inst. of 0475-396	
6			
	Änderung Nr. 7605 Change Nr. 7605		
7	0475 - 364.1	Spannarmlagerbüchse an Stelle v. 0475-364	 0475-364.1
		cocking arm bearing bushing inst. of 0475-364	
8			
	Änderung Nr. 7698 Change Nr. 7698		
9	0475 - U101.1	Spannhebel an Stelle v. 0345 - U101.3	 0475-U101.1
		cocking lever inst. of 0345 - U101.3	
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7461	2,3	2. 9. 59						
7524	5	" " "						
7605	7	" " "						
7698	9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0475

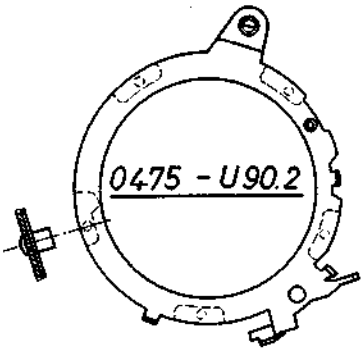
Geänderte Teile
Changed parts

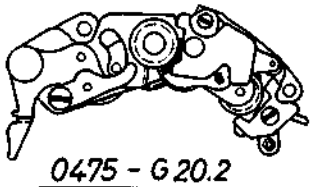
Liste besteht aus Blatt .....
Blatt Nr. 7 | Gepr. .....
Gefertigt: 2.9.59 M.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 7805 Change Nr. 7805	
2	0475 - U395.1	Kupplungshebel an Stelle v. 0475-U395
		coupling lever inst. of 0475-U395
3		
	Änderung Nr. 7832 Change Nr. 7832	
4	0475 - U90.2	Antriebring an Stelle v. 0475-U90.1
		drive ring inst. of 0475-U90.1
5		
	Änderung Nr. 7922 Change Nr. 7922	
6	0475 - G20.2	Hemmwerk an Stelle v. 0475-G20.1
		slow speed assembly inst. of 0475-G20.1
7	0475 - 151.1	Bef.-Schraube f. HW lang an Stelle v. 0475-151
	fixing screw for	slow speed assembly long inst. of 0475-151
8	0475 - 50.1	Ankerhebelfeder an Stelle v. 0475-50
		anchor lever spring inst. of 0475-50
9	0475 - U1.3	Kapsel ohne Skizze wird nicht abgegeben an Stelle v. 0475-U1.2
		housing with. sketch cannot be supplied inst. of 0475-U1.2
10		

Teil:

0475-U395.1





0475 - G20.2

wird nur als Ganzes abgegeben
only complete assembly can be supplied

0475-151.1

0475-50.1

Änderungszustand dieses Blattes

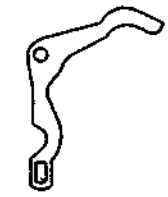
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7805	2	2.9.59						
7832	4	" " "						
7922	6, 7, 8, 9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0475

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 8 | Gepr. .....
Gefertigt: 2. 9. 59 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
2			
3		Änderung Nr. 7986 Change Nr. 7986	
4	0475 - U395.2	Kupplungshebel an Stelle v. 0475 - U395.1	 0475-U395.2
		coupling lever inst. of 0475 - U395.1	
5		Änderung Nr. 8170 Change Nr. 8170	
6	0475 - 399.1 0475 - 399	Kupplungsstift wahlweise	 0475-399.1 0475-399
		coupling pin optionally	
7		Änderung Nr. 8549 Change Nr. 8549	
8	0475 - U15.5	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0475 - U15.4	 0495 - 290
		base plate with sketch cannot be supplied inst. of 0475 - U15.4	
9		Änderung Nr. 9520 Change Nr. 9520	
10	0495 - 290	Spannarm I an Stelle v. 0475-290	
		cocking arm I inst. of 0475-290	

Änderungszustand dieses Blattes

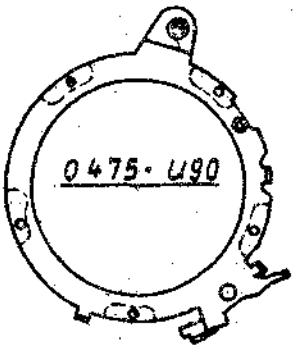
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
			9520	10	2. 9. 59			
7986	4	2. 9. 59						
8170	6	" " "						
8549	8	" " "						

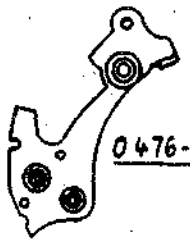
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

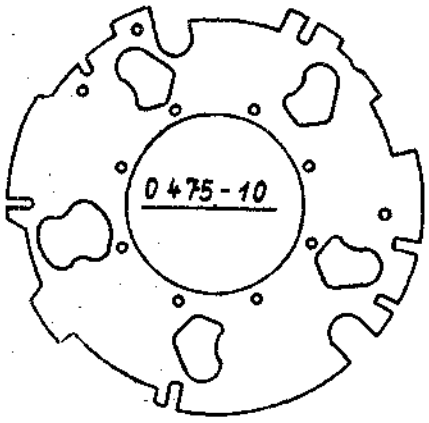
Nr. 0 476

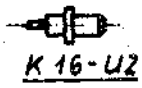
Liste besteht aus Blatt 1-5
Blatt Nr. 1 | Gepr. .....
Gefertigt: 5.2.57 k. .....
Anz.d.Änd.Bl. 1-7

Teil Nr.:	Teilbenennung:
0475 - U90	Antriebring
	drive ring
0476 - U95	Fingerhebel (ohne Skizze)
	trigger release
0476 - U110	Fingerhebelplatte
trigger	release plate
0475 - U168	Frontplatte (ohne Skizze)
	front plate
0475 - U5	Irislamelle
	diaphragm blade
0475 - 10	Irisdeckscheibe
diaphragm	covering disk
K16 - U2	Kontakt
	contact
0475 - U170	Kontaktfeder
	contact spring
0476 - U1	Kapsel
	shutter housing
0475 - U395	Kupplungshebel
	coupling lever
0475 - U394	Kupplungsschieber
	coupling slide
0475 - U226	Schalthebel
	control lever
0346 - U101.1	Spannhebel
	cocking lever
0475 - U130	Sektor 4 Stck.
shutter	blade 4 pieces
0475 - U130a	Sektor 1 Stck.
shutter	blade 1 piece

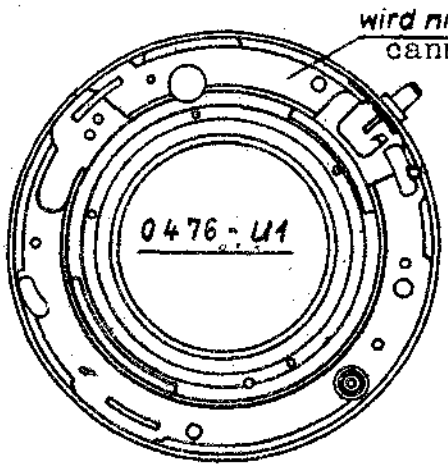


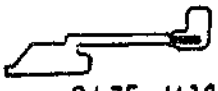






wird nicht abgegeben
cannot be supplied





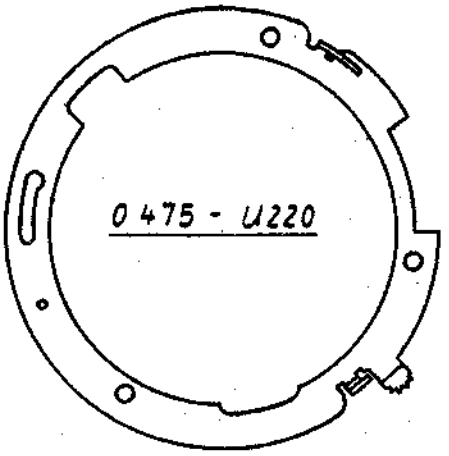
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 0 476

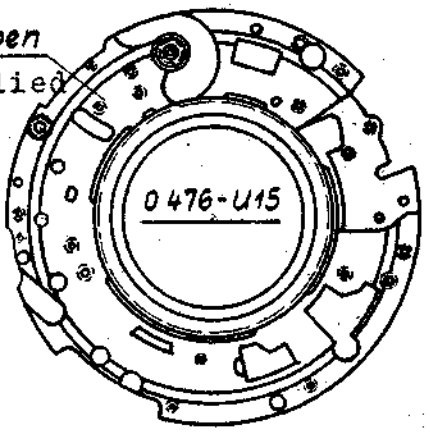
Liste besteht aus Blatt
Blatt Nr. 2 | Gepr.
Gefertigt: 5.2.57 Je.

Teil Nr.:	Teilbenennung:
0 475 - U220	Umstellring
	synchro switch ring
0 476 - U15	Werkteil
	base plate
0 475 - U362	Zeit-Rastenhebel
	time notched lever
0257 - 164	Anschraubring
	flange
0345 - 120	Auslösrohrplatte
	cable release socket plate
0 475 - 98	Auslöshebel
	release lever
DIN 6799 1.9	Benzing-Sicherung (ohne Skizze)
	benzing fuse (without sketsch)
0 475 - 159	Einstellring
	speed setting ring
0 475 - 163	Einstellbogen (ohne Skizze)
	index plate (without sketsch)
0475 - 368	Führungsplatte 3 Stck.
	guide plate 3 pieces
0295 - 239	Frontplattenring
	front plate ring

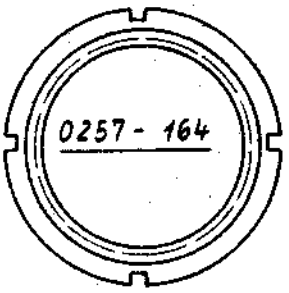
Teil:



wird nicht abgegeben
cannot be supplied

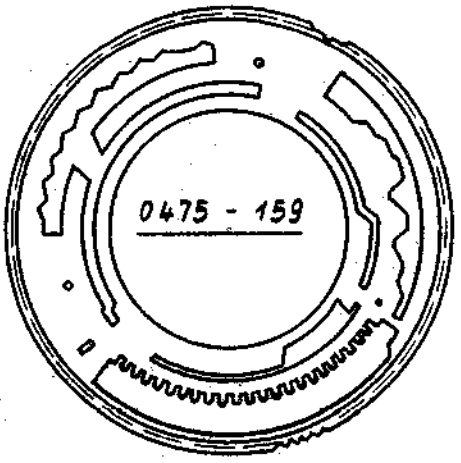


0 475 - U362

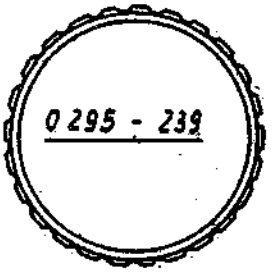


0345 - 120

0 475 - 98



0 475 - 368



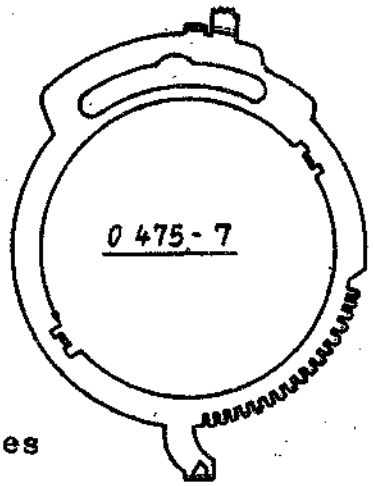
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

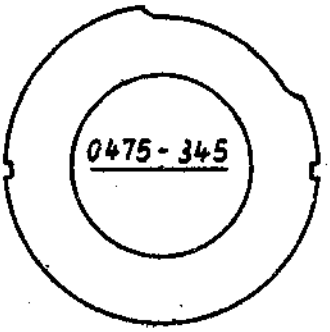
Nr. 0476

Liste besteht aus Blatt ....
Blatt Nr. 3 | Gepr. ....
Gefertigt: 5.2.57 K.

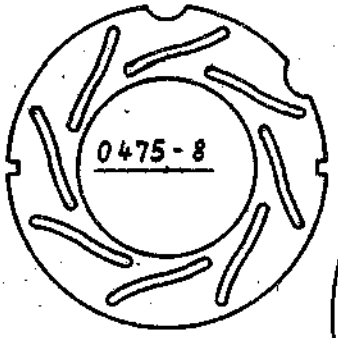
Teil Nr.:	Teilbenennung:
0475 - 7	Iriszeigerring
	diaphragm index ring
0475 - 345	Irisabdeckscheibe
	diaphragm covering disk
0475 - 8	Irisscheibe
	diaphragm disk
0475 - 398	Kupplungsscheibe
	coupling slide
0475 - 388	Lichtwertring
	exposure value ring
0475 - 117	Sektorenscheibe 5Stck
	shutter blade washer 5 pieces
0475 - 290	Spannarm I
	cocking arm I
0345 - 275	Vorlaufwerkunterlegscheibe
	delayed action washer
0475 - 386	Vorlaufwerkrastenhebel
	notched lever for d.a.
0475 - 115	Zeithebel
	time lever
0346 - 114	Zeithebelunterlegscheibe
	time lever washer
0475 - G20	Hemmwerk
	slow speed assembly
0475 - G54	Vorlaufwerk
	delayed action assembly

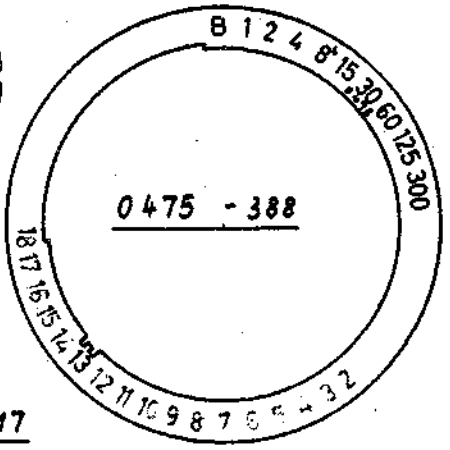
Teil:



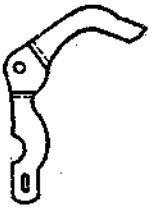


0475 - 398





0475 - 117



0475 - 290

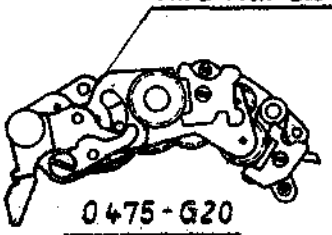
0345 - 275

0475 - 386

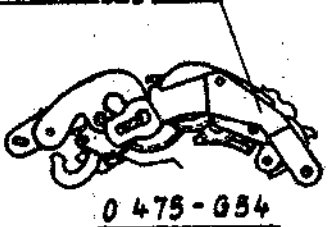
0475 - 115

0346 - 114

only complete assembly can be supplied
wird nur als Ganzes abgegeben



0475 - G20



0 475 - G54

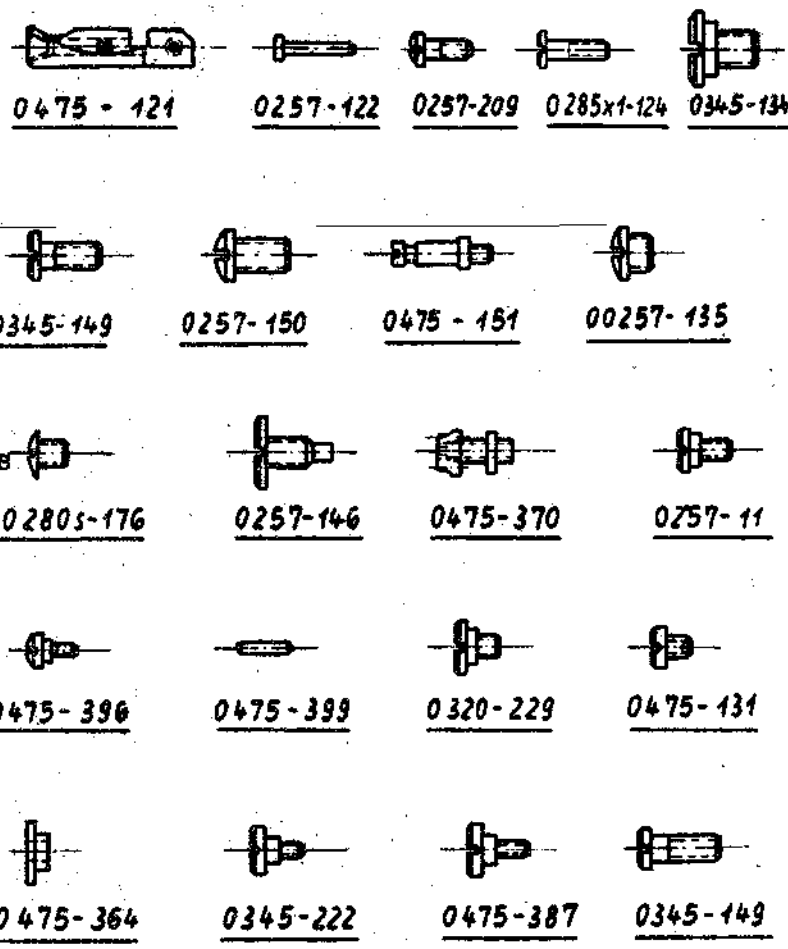
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Nr. 0 476

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 5.2.57 le. .....

Teil Nr.:	Teilbenennung:
0475-121	Auslösrohr
cable release socket	
0257-122	Auslösstift
cable release socket pin	
0257-209	Auslösrohrschr. schwach
cable release socket screw small	
0285x1-124	Auslösrohrschr.
cable release socket	
0345-134	Auslöshebelschr.
release lever screw	
0345-149	Bef. Schr. f. Vifw. 2 Stck.
fitting screw for d.a. 2 pieces	
0257-150	Bef. Schr. f. HW kurz
fitting screw for slow speed assembly short	
0475-151	Bef. Schr. f. HW lang
fitting screw for slow speed assembly long	
00257-135	Einstellbogenschr. 2 Stck.
index plate srew 2 pieces	
00280s-176	Führungsplattenschr. 3 Stck
guide plate screw 3 pieces	
0257-146	Fingerhebelschr.
trigger release screw	
0475-370	Hohltrieb
hollow pinion	
0257-11	Irisdeckscheibenschr. 2 Stk.
diaphragm covering disk screw 2 pieces	
0475-396	Kupplungsschr.
coupling screw	
0475-399	Kupplungsstift
coupling pin	
Knebelkerbstift 1x4.5 KS8 DIN 1475	
notched pin 1x4.5 KS8 DIN 1475	
0320-229	Schalthebelschr.
control lever screw	
0475-131	Sektorenschr. 5 Stück
shutter blade screw 5 pieces	
0475-364	Spannarmlagerbüchse
cocking arm bearing bushing	
0345-222	Umstellringschr.
synchro switch ring screw	
0475-387	Vifw. Rastenhebelschr.
notched lever screw for d.a.	
0345-149	Werkteilschr. 4 Stück
base plate screw 4 pieces	

Teil:



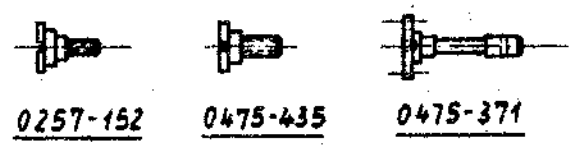
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Nr. 0476

Liste besteht aus Blatt .....
Blatt Nr. 5 | Gepr. .....
Gefertigt: 5.2.57 k. .....

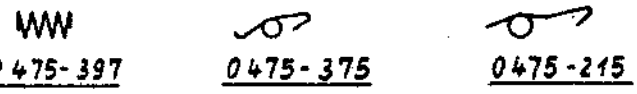
Teil Nr.:	Teilbenennung:
0257 - 152	Zeithebelschr.
	time lever screw
0475 - 435	Zeit-Rastenhebelschr.
screw for	time notch lever
0475 - 371	Zapfentrieb
	stud pin
0320 - 144	Antriebringfeder
drive	ring spring
0475 - 133	Auslöshebelfeder
release	lever spring
0475 - 50	Ankerhebelfeder
anchor	lever spring
0257 - 139	Fingerhebelfeder
trigger	release spring
0475 - 397	Kupplungsfeder
	coupling spring
0475 - 375	Rücklauffeder
	returning spring
0475 - 215	Schalthebelfeder
control	lever spring
0475 - 147	Spannhebelfeder
cocking	lever spring
0475 - 108	Treibklinkenfeder
driving	latch spring
0345 - 158	Vorlaufwerkfeder
delayed action	assembly spring
0346 - 153	Zeithebelfeder
	time lever spring

Teil:



0257-152 0475-435 0475-371

0320-144 0475-133 0475-50 0257-139



0475-397 0475-375 0475-215

0475-147 0475-108 0345-158 0346-153

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 0476	Geänderte Teile / Changed parts	Liste besteht aus Blatt 1-7 Blatt Nr. 1 Gepr. Gefertigt: 2.9.59

Lfd. Nr.	Teil Nr.:	Teilbenennung	Teil:

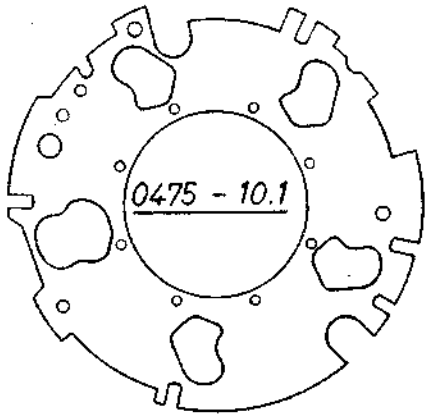
1

Änderung Nr. 6658
Change Nr. 6658

2

0475 - 10.1 Irisdeckscheibe
an Stelle v. 0475-10

diaphragm cover disc
inst. of 0475-10



3

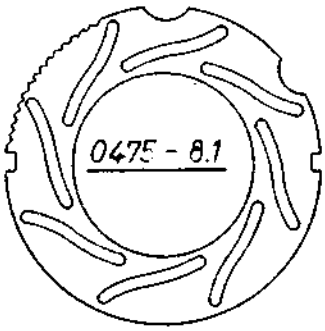
0475 - 8.1 Irisscheibe
an Stelle v. 0475-8

diaphragm disc
inst. of 0475-8

4

0475 - 379 Blenden-Rastenhebelfeder

spring for diaphragm notch lever



0475-379

5

0476 - U1.1 Kapsel ohne Skizze
wird nicht abgegeben
an Stelle v. 0476 - U1
housing with sketch
cannot be supplied
inst. of 0476 - U1

6

Änderung Nr. 6676
Change Nr. 6676

7

00257 - 117 Sektorenscheibe

shutter blade washer

00257-117

8

Änderung Nr. 6717
Change Nr. 6717

9

0475 - 434 Zeit-Rastenhebelrolle

click stop lever roll

0475-434

10

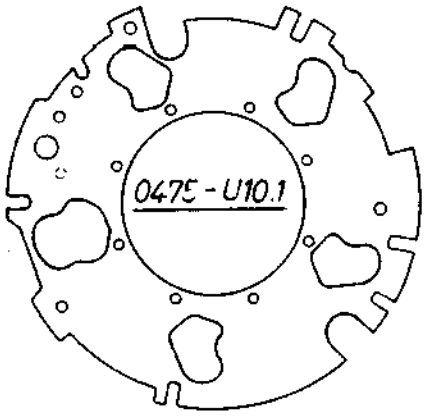
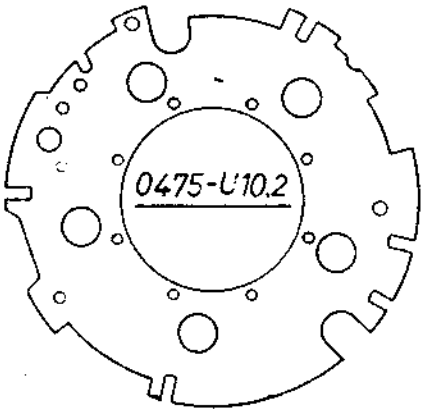
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name
6658	2, 3, 4, 5	2 9 59
6676	7	" " "
6717	9	" " "

Änd. Nr.	Lfd. Nr.	Tag u. Name

Änd. Nr.	Lfd. Nr.	Tag u. Name

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 0476	Geänderte Teile / Changed parts	Liste besteht aus Blatt Blatt Nr. 2 Gepr. Gefertigt: 2.9.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		Änderung Nr. 6748 Change Nr. 6748	
2	0475 - 117	Sektorenscheibe 4 Stck. an Stelle v. 5 Stück shutter blade washer 4 pcs. inst. of 5 pcs.	◎ 0.12 dick 0.12 thick 0475 - 117
3	0475 - 117a	Sektorenscheibe an Stelle v. 00257-117 shutter blade washer inst. of 00257-117	◎ 0.2 dick 0.2 thick 0475 - 117a
4		Änderung Nr. 6833 Change Nr. 6833	
5	0475 - U10.1	Irisdeckscheibe an Stelle v. 0475-10.1 diaphragm cover disc inst. of 0475-10.1	 0475 - U10.1
6		Änderung Nr. 6850 Change Nr. 6850	
7	0475 - 117b	Sektorenscheibe an Stelle v. 0475-117a shutter blade washer inst of 0475-117a	 0475-117b
8		Änderung Nr. 7108 Change Nr. 7108	
9	0475 - U10.2	Irisdeckscheibe an Stelle v. 0475-U10.1 diaphragm cover disc inst. of 0475-U10.1	 0475-U10.2
10	0476 - U1.2	Kapsel ohne Skizze wird nicht abgegeben an Stelle v. 0476 - U1.1 housing with sketch cannot be supplied inst. of 0476 - U1.1	

Fortsetzung zu Änd. Nr 7108 auf Bl. Nr. 3
continuation of change Nr 7108 on sheet 3

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name
6748	2,3	2 9 59
6833	5	" " "
6850	7	" " "
7108	9,10	" " "

Änd. Nr	Lfd. Nr.	Tag u. Name

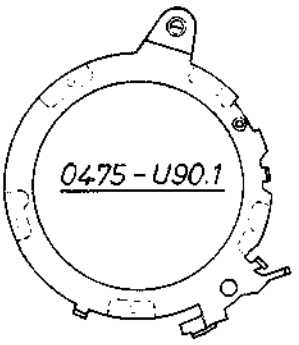
Änd. Nr	Lfd. Nr.	Tag u. Name

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0476

Geänderte Teile
Changed parts

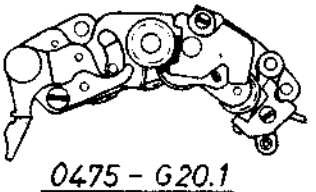
Liste besteht aus Blatt
Blatt Nr. 3 Gepr.
Gefertigt: 2.9.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	0476 - U15.1	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0476 - U15 base plate with sketch cannot be supplied inst. of 0476 - U15	 0475 - 130.1
2	0475 - 130.1	Sektor 5 Stück an Stelle v. 0475-U130 4Stck. " " " 0475-U130a 1Stck. shutter blade 5 pcs. inst. of 0475 - U130 4 pcs. " " 0475 - U130a 1 pcs.	
3	0475 - 117	Sektorenscheibe 5 Stück an Stelle v. 0475 - 117 4Stck. " " " 0475 - 117b 1Stck. shutter blade washer 5pcs. inst. of 0475 - 117 4 pcs. " " 0475 - 117b 1 pcs.	◎ 0475 - 117
4		Änderung Nr. 7175 Change Nr. 7175	
5	0475 - 117.1	Sektorenscheibe 5 Stck an Stelle v. 0475 - 117 shutter blade washer 5pcs. inst. of 0475 - 117	◎ 0475 - 117.1
6		Änderung Nr. 7231, 7310 Change Nr. 7231, 7310	
7	0476 - U15.2	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0476 - U15.1 base plate with sketch cannot be supplied inst. of 0476 - U15.1	
8	0475 - U90.1	Antriebring an Stelle v. 0475 - U90 drive ring inst. of 0475 - U90	 0475 - U90.1
9	0475 - 130.1	Sektor 6 Stück an Stelle v. 5 Stück shutter blade 6 pcs. inst. of 5 pcs.	
10			

Änderungszustand dieses Blattes

And. Nr.	Lfd. Nr.	Tag u. Name	And. Nr.	Lfd. Nr.	Tag u. Name	And. Nr.	Lfd. Nr.	Tag u. Name
7108	1, 2, 3	2.9.59						
7175	5	" " "						
7231, 7310	7, 8, 9	" " "						

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 0476	Geänderte Teile / Changed parts	Liste besteht aus Blatt Blatt Nr. 4 Gepr. Gefertigt: 2. 9. 59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		Änderung Nr. 7280 Change Nr. 7280	
2	0475 - 117	Sektorenscheibe 5 Stück an Stelle v. 0475-117.1 shutter blade washer 5 pcs. inst. of 0475-117.1	◎ 0475-117
3		Änderung Nr. 7282, 7403 Change Nr. 7282, 7403	
4	0475 - G20.1	Hemmwerk an Stelle v. 0475-G20 slow speed assembly inst. of 0475-G20	 0475 - G20.1 wird nur als Ganzes abgegeben only complete assembly can be supplied
5		Änderung Nr. 7310 Change Nr. 7310	
6	0475 - 130.1	Sektor 5 Stück an Stelle v. 6 Stück shutter blade 5 pcs. inst. of 6 pcs.	 0475 - 130.1
7			
8			
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7280	2	2. 9. 59						
7282,7403	4	" " "						
7310	6	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0476

Geänderte Teile
Changed parts

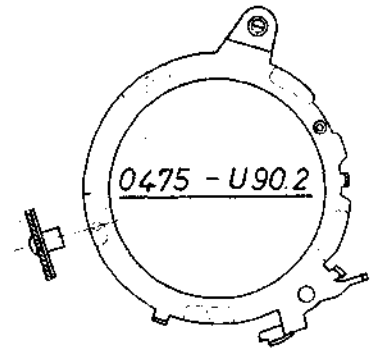
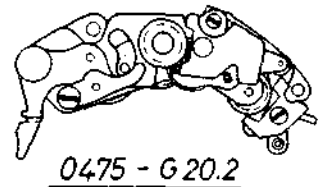
Liste besteht aus Blatt
Blatt Nr. 5 Gepr.
Gefertigt: 2. 9. 59 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		Änderung Nr. 7461 Change Nr. 7461	
2	0475 - 108.1	Treibklinkenfeder an Stelle v. 0475-108 driving latch spring inst. of 0475 - 108	 0475 - 108.1
3	0476 - U15.3	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0476 - U15.2 base plate with sketch cannot be supplied inst. of 0476 - U15.2	
4		Änderung Nr 7524 Change Nr. 7524	
5	0475 - 396.1	Kupplungsschr. an Stelle v. 0475-396 coupling screw inst. of 0475-396	 0475-396.1
6		Änderung Nr. 7605 Change Nr. 7605	
7	0475 - 364.1	Spannarmlagerbuchse an Stelle v. 0475-364 cocking arm bearing bushing inst. of 0475-364	 0475-364.1
8		Änderung Nr. 7698 Change Nr. 7698	
9	0476 - U101	Spannhebel an Stelle v. 0346 - U101.1 cocking lever inst. of 0346 - U101.1	 0476 - U 101
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd Nr	Lfd Nr.	Tag u Name
7461	2,3	2 9 59						
7524	5	" "						
7605	7	" "						
7698	9	" "						

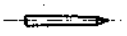
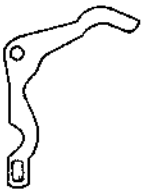
Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 0476	Geänderte Teile Changed parts	Liste besteht aus Blatt Blatt Nr. 6 Gepr. Gefertigt: 2. 9. 59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		Änderung Nr. 7805 Change Nr. 7805	
2	0475 - U395.1	Kupplungshebel an Stelle v. 0475-U395 coupling lever inst. of 0475-U395	 0475-U395.1
3		Änderung Nr. 7832 Change Nr. 7832	
4	0475 - U90.2	Antriebring an Stelle v. 0475-U90.1 drive ring inst. of 0475-U90.1	 0475 - U90.2
5		Änderung Nr. 7922 Change Nr. 7922	 0475 - G20.2 wird nur als Ganzes abgegeben only complete assembly can be supplied
6	0475 - G20.2	Hemmwerk an Stelle v. 0475-G20.1 slow speed assembly inst. of 0475-G20.1	
7	0475 - 151.1	Bef.-Schraube f. HW lang an Stelle v. 0475-151 fixing screw for slow speed assembly long inst. of 0475-151	 0475-151.1
8	0475 - 50.1	Ankerhebelfeder an Stelle v. 0475-50 anchor lever spring inst. of 0475-50	 0475-50.1
9	0476 - U1.3	Kapsel ohne Skizze wird nicht abgegeben an Stelle v. 0476-U1.2 housing with. sketch cannot be supplied inst. of 0476 - U1.2	
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr	Lfd. Nr.	Tag u. Name
7805	2	2. 9. 59						
7832	4	" " "						
7922	6, 7, 8, 9	" " "						

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	Mod. 0476	Geänderte Teile / Changed parts	Liste besteht aus Blatt Blatt Nr. 7 | Gepr. Gefertigt: 2. 9. 59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
2			
3		Änderung Nr. 7986 Change Nr. 7986	
4	0475 - U395.2	Kupplungshebel an Stelle v. 0475 - U395.1 coupling lever inst. of 0475 - U395.1	 0475 - U395.2
5		Änderung Nr. 8170 Change Nr. 8170	
6	0475 - 399.1 0475 - 399	Kupplungsstift wahlweise coupling pin optionally	 0475-399.1  0475-399
7		Änderung Nr. 9520 Change Nr. 9520	
8	0495 - 290	Spannarm I an Stelle v. 0475-290 cocking arm I inst. of 0475-290	 0495 - 290
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name
7986	4	2. 9. 59
8170	6	" " "
9520	8	" " "

Änd. Nr.	Lfd. Nr.	Tag u. Name

Änd. Nr.	Lfd. Nr.	Tag u. Name

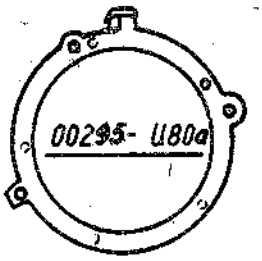
Alfred Gauthier GmbH
Calmbach a.d. Enz

Nr. 00 M.284

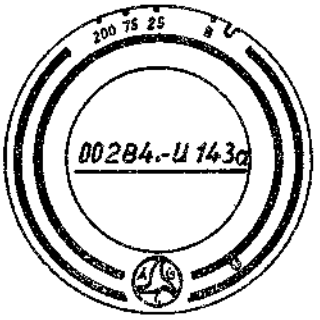
Liste best mit Bl. 98
zu Nr. 1
gefertigt: 24. 5. 50

Teil Nr.	Teilbenennung
00295 - U80a	Antriebring
	Drive Ring
00257-U85	Fingerhebel
	Exterior Release Lever
00284-U143a	Frontplatte
	Front Plate
00257 - U5	Irislamelle (10 Stck.)
	Diaphragm Blade 10 pcs
00284-U1	Kapsel
	Shutter Case
00280-U173	Kontaktplatte
	Contact Plate
K16 - U2	Kontakt
	Contact
00284-U90	Riegelhebelplatte
	Bar Lever Plate
00284-U15	Werkteil
	Base Plate
00257-141	Anschraubring
	Thread Ring
00257-106	Auslöshebel
Inner	Release Lever
00257-134	Einstellbogen
	Top Plate
00284-137	Einstellring
	Time Setting Ring

Teil — Anz. d. Änd. Bl. 1.2.3

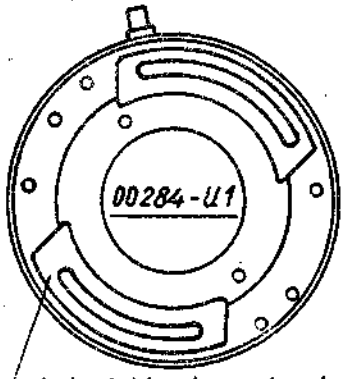


00257 - U85



00257 -U5

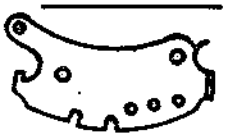
K16 - U2

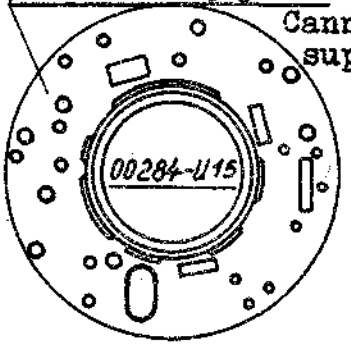


00280 - U 173

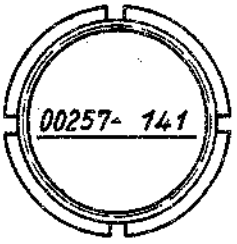
wird nicht abgegeben!
Cannot be supplied

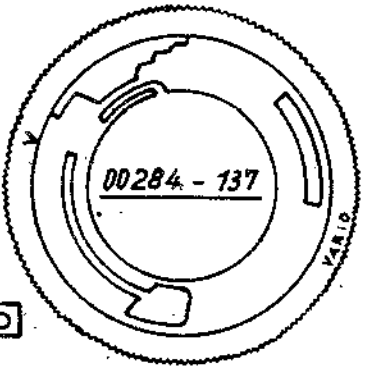
00284 - U 90



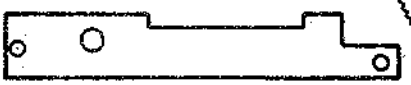


00257 - 106





00257 - 134



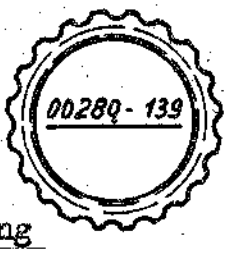
Alfred Gauthier Gm.b.H.
Calmbach a.d. Enz

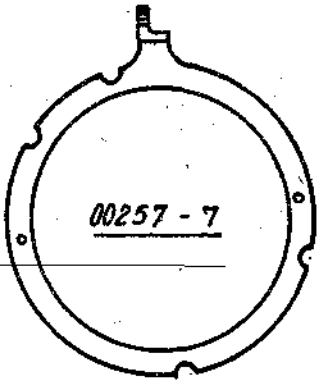
Nr. 00 M. 284

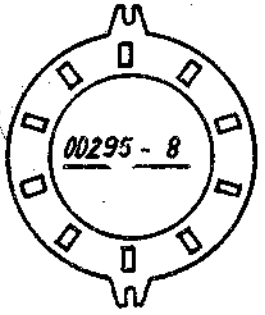
Blatt 2 | 98
geprüft:
gefertigt: 24.5.50

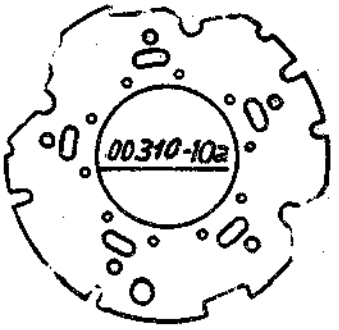
Teil Nr.	Teil benennung
00280-139	Frontplattenring
	Front Plate Ring
00257-7	Iriszeigerring
	Diaphragm Index Ring
00295-8	Irisscheibe
	Diaphragm Disk
00310-10c	Irisdeckscheibe
	Diaphragm Covering Disk
00280-111	Kontakthebel
	Contact Lever
00295-116	Sektor (5 Stück)
	Shutter Blade (5 pcs.)
00257-117	Sektorenscheibe
	Shutter Blade Disk
00257-156	Sicherungshebel
	Locking Lever
00295-U96	Spannhebel
	Cocking Lever
00295-117	Sektorenscheibe (4 St.)
	shutter blade washer 4 p.
00257-119	Zeithebel
	Time Lever
00284-G20	Hemmwerk
	Escapement Mechanism

Teil









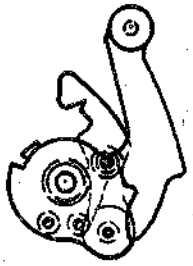
00280-111

00295-116

00257-117

00257-156

00295-U96



00295-117

00257-119

00284-G20

Alfred Gauthier G.m.bH.
Calmbach a.d. Enz

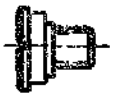
Nr. 00 M. 284

Blatt 3 — 98
geprüft:
gefertigt: 24.5.50. Bernh.

Teil Nr.	Teilbenennung
00257-107	Auslöshebelschraube
Inner	Release Lever Screw
00257-108	Auslöshebelunterlagscheibe
Inner	Release Lever Washer
00257-123	Auslösrohr
	Release Tube
00257-124	Auslösstift
	Release Pin
00257-125	Auslösrohrschraube 2St.
	Release Tube Screw 2p.
00257-135	Einstellbogenschraube 2St.
	Top Plate Screw 2p.
00257-126	Fingerhebelschraube
Exterior	Release Lever Screw
00257-11	Irisdeckscheibenschraube 2St.
Diaphragm	Covering Disk Screw 2p.
00257-9	Irisschraube 2Stck.
	Diaphragm Screw 2pcs
00280-112	Kontakthebelbüchse
Contact	Lever Bushing
00257-113	Kontakthebelschraube
Contact	Lever Screw
00280-127	Ringfederanschlagschraube
Stop Screw	for Ring Spring
00280-128	Ringfederschraube
	Ring Spring Screw
00257-118	Sektorenschraube 5Stck.
	Shutter Blade Screw 5pcs
00257-46	Spannhebelachsenschraube
Screw for	Cocking Lever Axis
00280-136	Werkbefestigungsschr. lang
Fixing Screw	for Mechanism long
00280-138	Werkbefestigungsschr. kurz
Fixing Screw	for Mechanism short
00257-142	Werkteilschraube 3Stck.
	Base Plate Screw 3pcs
00257-120	Zeithebelschraube
	Time Lever Screw
00295-129	Antriebringfeder
	Drive Ring Spring
00257-109	Auslöshebelfeder
Inner	Release Lever Spring
00257-130	Fingerhebelfeder
Exterior	Release Lever Spring
00257-132	Treibfeder
	Drive Spring
00257-121	Zeithebelfeder
	Time Lever Spring

Teil

00257-107



00257-108

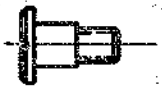
00257-123

00257-124

00257-125

00257-135

00257-126



00257-11

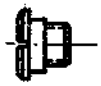
00257-9

00280-112

00257-113

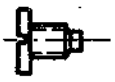
00280-127

00280-128



00257-118

00257-46

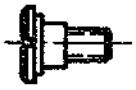


00280-136

00280-138

00257-142

00257-120

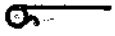


00295-129

00257-109

00257-130

00257-132



00257-121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00284

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1.23
Blatt Nr. 1 | Gepr.
Gefertigt: 20.12.57 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 4574 Change Nr. 4574		
2	00280h4 - 139	Frontplattenring an Stelle v. 00280 - 139	
		front plate ring inst. of 00280 - 139	
3			
	Änderung Nr. 4643 Change Nr. 4643		
4	00295 - 139	Frontplattenring an Stelle v. 00280h4 - 139	
		front plate ring inst. of 00280h4 - 139	
5			
	Änderung Nr. 4739 Change Nr. 4739		
6	00295 - U96.1	Spannhebel an Stelle v. 00295 - U96	
		cocking lever inst. of 00295 - U96	
7	00284 - U15.1	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00284 - U15	
		base plate (with. sketsch) cannot be supplied inst. of 00284 - U15	
8	00310 - 104	Treibklinkenfeder	
		driving latch spring	
9			
	Änderung Nr. 4826 Change Nr. 4826		
10	00322 - 111	Kontakthebel an Stelle v. 00280 - 111	
		contact lever inst. of 00280 - 111	

00295-U96.1

00310-104

00322-111

Änderungszustand dieses Blattes

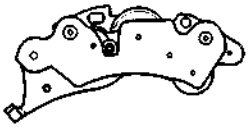
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4574	2	20. 12. 57						
4643	4	" " "						
4739	6,7,8	" " "						
4826	10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00284

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 20.12.57 fe

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 4887 Change Nr. 4887		
2	00257 - 129	Antriebringfeder an Stelle v. 00295 - 129	 00257-129
		drive ring spring inst. of 00295 - 129	
3			
	Änderung Nr. 5110 Change Nr. 5110		
4	00257 - 9a	Irisschraube an Stelle v. 00257 - 9	 00257-9a
		diaphragm screw inst. of 00257 - 9	
5			
	Änderung Nr. 5605 Change Nr. 5605		
6	00285 - G20	Hemmwerk an Stelle v. 00284 - G20	 00285 - G20 wird nur als Ganzes abgegeben only complete assembly can be supplied
		slow speed assembly inst. of 00284 - G20	
7			
	Änderung Nr. 5942 Change Nr. 5942		
8	00257 - 127	Ringfederanschlagschr. an Stelle v. 00280 - 127	 00257-127
		stop screw for ring spring inst. of 00280 - 127	
9			
	Änderung Nr. 5954 Change Nr. 5954		
10	00 314 - 116	Sektor an Stelle v. 00295 - 116	 00314-116
		shutter blade inst. of 00295 - 116	

Änderungszustand dieses Blattes

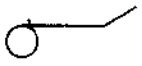
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4887	2	20. 12. 57	5954	10	20. 12. 57			
5110	4	" " "						
5605	6	" " "						
5942	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00 284

Geänderte Teile
Changed parts

Liste besteht aus Blatt ....
Blatt Nr. 3 | Gepr. ....
Gefertigt: 25.8.59 K.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		Änderung Nr. 9012 Change Nr. 9012	
2	00377 - 132	Treibfeder an Stelle v. 00257-132 drive spring inst. of 00257-132	 00377-132
3		Änderung Nr. 9383 Change Nr. 9383	
4	00475 - 111	Kontakthebel an Stelle v. 00322-111 contact lever inst. of 00322-111	 00475-111
5			
6			
7			
8			
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9012	2	25.8.59						
9383	4	" " "						

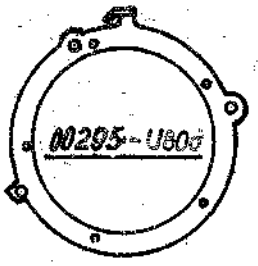
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Nr. 00 M. 285

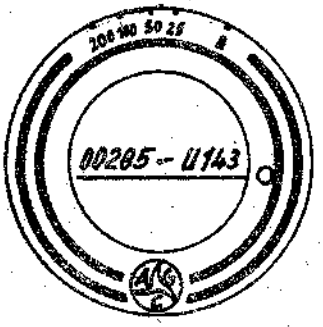
Liste besteht aus Bl. 1-4 — 99
Bl. Nr. 1
gefertigt: 26.5.50 Walter

Teil Nr.	Teilbenennung
00295 - U80a	Antriebring
	Drive Ring
00257-U85	Fingerhebel
	Release
00285-U143	Frontplatte
	Front Plate
00257- U5	Irislamelle (10 Stck.)
	Diaphragm Blade 10pcs
00280-U1	Kapsel
	Shutter
00280- U173	Kontaktplatte
	Contact Plate
K16 - U2	Kontakt
	Contact
00257- U90	Riegelhebelplatte
	Bar Lever Plate
00280-U15	Werkteil
	Base Plate
00257-141	Anschraubring
00257- 106	Auslöshebel
	Release Lever
00257-134	Einstellbogen
	Plate
00285-137	Einstellring
	Setting Ring

Teil — Änd. d. Änd. Bl. 1,2,3

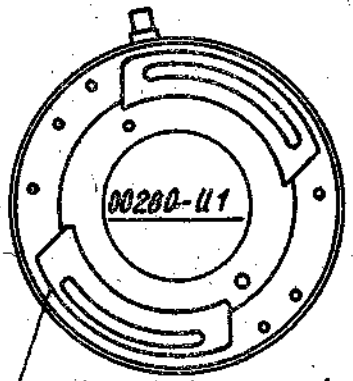


00257 - U85



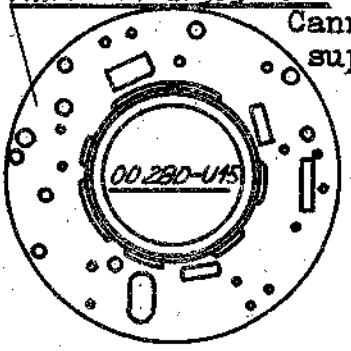
00257 - U5

K16 - U2



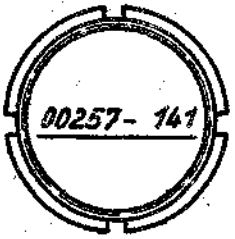
00280 - U173

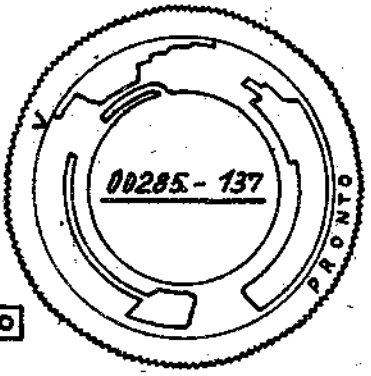
wird nicht abgegeben! Cannot be supplied



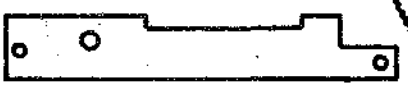
00257 - U90

00257 - 106





00257 - 134



Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

Nr. 00 M. 285

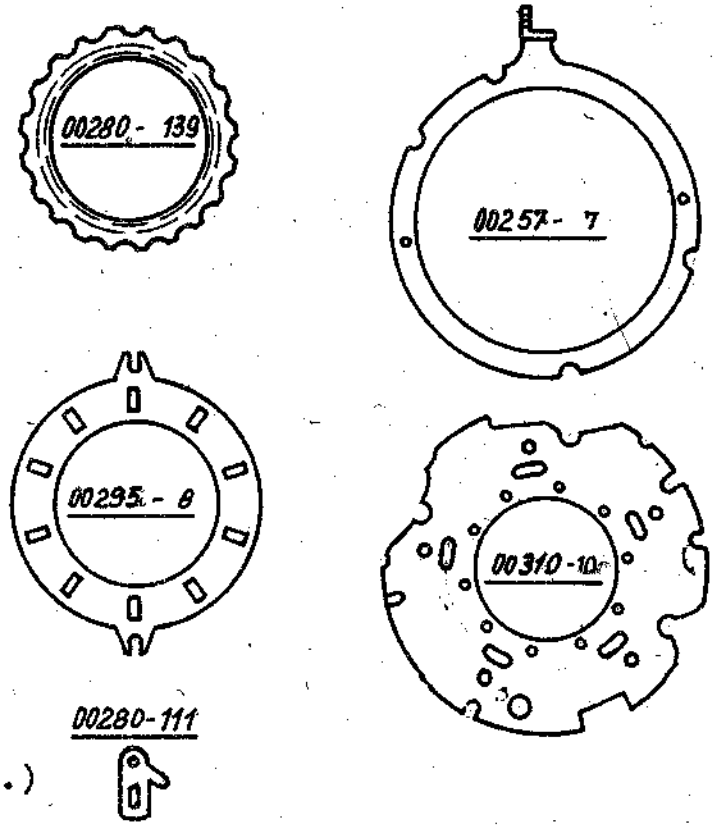
Blatt 2 | 99

geprüft:

gefertigt: 26.5.50 Walter

Teil Nr.	Teilbenennung
00280-139	Frontplattenring
	Front Plate Ring
00257-7	Irisszeigerring
	Diaphragm Index Ring
00295-8	Irisscheibe
	Diaphragm Disk
00310-100	Irisdeckscheibe
	Diaphragm Covering Disk
00280-111	Kontakthebel
	Contact Lever
00295-116	Sektor (5 Stück)
	Shutter Blade (5 p.)
00295-117	Sektorenscheibe (4 St.)
	Shutter Blade Washer (4p.)
00257-117	Sektorenscheibe
	Shutter Blade Washer
00257-156	Sicherungshebel
	Locking Lever
00295-U96	Spannhebel
	Cocking Lever
00280-38	Vorlaufwerksperrhebel
	Locking Lever for Delayed Action
00257-119	Zeithebel
	Time Lever
00284-G20	Hemmwerk
00280-G49	Vorlaufwerk
	Delayed Action

Teil



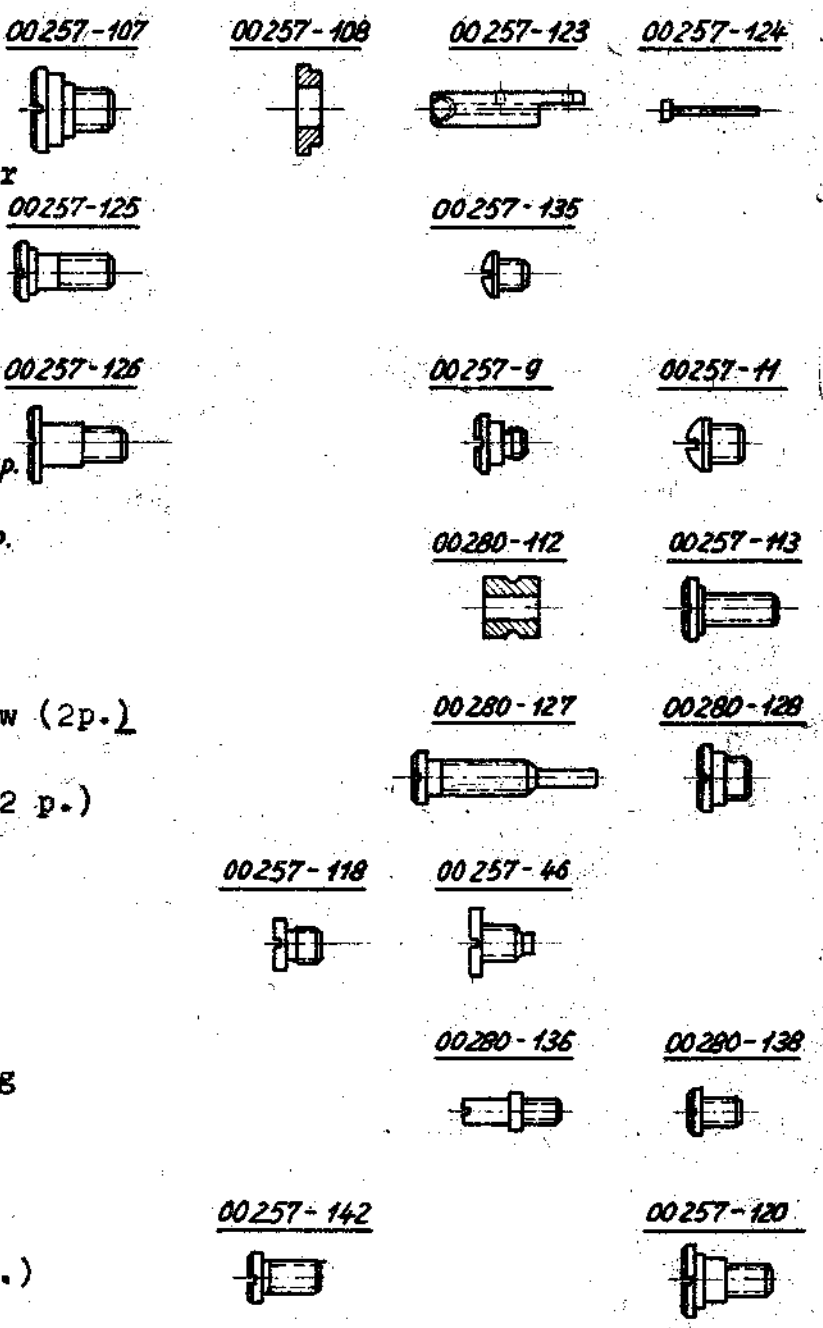
Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

Nr. 00 M. 285

Blatt 3 | 99
geprüft:
gefertigt: 9.9.52 Lampert

Teil-Nr.	Teilbenennung
00257-107	Auslöshebelschraube
	Release Lever Screw
00257-108	Auslöshebelunterlagsch.
	Release Lever Washer
00257-123	Auslösrohr
	Release
00257-124	Auslösstift
	Release
00257-125	Auslösrohrschraube 2St.
	Release
00257-135	Einstellbogenschr. 2Stck.
	Plate Screw 2p.
00257-126	Fingerhebelschr.
00257-11	Irisdeckscheibenschr. (2St.
Diaphr.	Covering Disk Screw (2p.)
00257-9	Irisschraube (2St.
	Diaphragm Screw (2 p.)
00280-112	Kontakthebelbüchse
Contact	Lever Bushing
00257-113	Kontakthebelschr.
Contact	Lever Screw
00280-127	Ringfederanschlagschr.
	Screw for Ring Spring
00280-128	Ringfederschraube
	Ring Spring Screw
00280-118	Sektorenschraube (5St)
Shutter	Blade Screw (5 p.)
00257-46	Spannhebelachsenschr.
	Screw for Cocking
	Lever
00280-136	Werkbefestigungsschr.lg
Fixing	Screw for long
00280-138	Werkbefestigungsschr.kurz
Fixing	Screw for short
00257-142	Werkteilschraube 3St.
	Base Plate Screw 3p.
00257-120	Zeithebelschraube
	Time Lever Screw

Teil



Alfred Gauthier G.m.b.H
Calmbach a.d. Enz

Nr. 00 M. 285

Blatt 4 | 99
geprüft:
gefertigt: 9.9.52 Lampert

Teil-Nr.	Teilbenennung:
00295-129	Antriebringfeder
	Drive Ring Spring
00257-109	Auslöshebelfeder
	Release Lever Spring
00257-130	Fingerhebelfeder
	Release
00257-131	Riegelhebelfeder
	Bar Lever Spring
00257-132	Treibfeder
	Drive Spring
00257-133	Vorlaufwerkfeder
	Spring for Delayed Action
00257-121	Zeithebelfeder
	Time Lever Spring

Teil

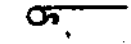
00295-129

00257-109

00257-130

00257-131

00257-132



00257-133

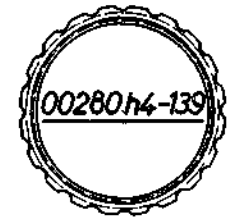
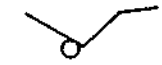
00257-121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00285

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1,2,3
Blatt Nr. 1 | Gepr. ...
Gefertigt: 3.1.58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 4574 Change Nr. 4574		
2	00280 h4 - 139	Frontplattenring an Stelle v. 00280 - 139	 00280 h4-139
		front plate ring inst. of 00280 - 139	
3			
	Änderung Nr. 4586 Change Nr. 4586		
4	00280 - G49.1	Vorlaufwerk an Stelle v. 00280 - G49	 00280 - G 49.1 wird nur als Ganzes abgegeben only complete assembly can be supplied
		delayed action device inst. of 00280 - G49	
5			
	Änderung Nr. 4643 Change Nr. 4643		
6	00295 - 139	Frontplattenring an Stelle v. 00280h4 - 139	 00295-139
		front plate ring inst. of 00280h4 - 139	
7			
	Änderung Nr. 4739 Change Nr. 4739		
8	00295 - U96.1	Spannhebel an Stelle v. 00295 - U96	 00295-U96.1
		cocking lever inst. of 00295 - U96	
9	00280 - U15.1	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00280 - U15	
		base plate (with. sketsch) cannot be supplied inst. of 00280 - U15	
10	00310 - 104	Treibklinkenfeder	 00310-104
		driving latch spring	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4574	2	3. 1. 58						
4586	4	" " "						
4643	6	" " "						
4739	8, 9, 10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00285

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 3.1.58 ..

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 4826 Change Nr. 4826		
2	00322 - 111	Kontakthebel an Stelle v. 00280-111	 00322-111
		contact lever inst. of 00280 - 111	
3			
	Änderung Nr. 4887 Change Nr. 4887		
4	00257 - 129	Antriebringfeder an Stelle v. 00295-129	 00257 129
		drive ring spring inst. of 00295-129	
5			
	Änderung Nr. 5110 Change Nr. 5110		
6	00257 - 9a	Irisschraube an Stelle v. 00257 - 9	 00257-9a
		diaphragm screw inst. of 00257 - 9	
7			
	Änderung Nr. 5605 Change Nr. 5605		
8	00285 - G20	Hemmwerk an Stelle v. 00284-G20	 00285-G20
		slow speed assembly inst. of 00284-G20	
9	00285 - G49	Vorlaufwerk an Stelle v. 00280-G49.1	 00285-G49
		delayed action device inst. of 00280-G49.1	
10			

wird nur als Ganzes abgegeben
only complete assembly can be supplied

Änderungszustand dieses Blattes

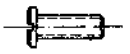
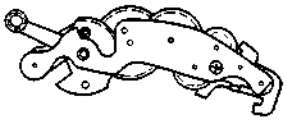
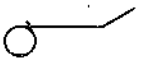
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4826	2	3. 1. 58						
4887	4	" " "						
5110	6	" " "						
5605	8,9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00285

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 3 Gepr. .....
Gefertigt: 3.1.58 Fe. .....

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 5942 Change Nr. 5942		
2.	00257 - 127	Ringfederanschlagschr. an Stelle v. 00280 - 127	 00257-127
		stop screw for ring spring inst. of 00280 - 127	
3			
	Änderung Nr. 5954 Change Nr. 5954		
4	00314 - 116	Sektor an Stelle v. 00295 - 116	 00314-116
		shutter blade inst. of 00295 - 116	
5			
	Änderung Nr. 8388 Change Nr. 8388		
6	00280 - G49.1	Vorlaufwerk an Stelle v. 00285 - G49	 00280 - G49.1 wird nur als Ganzes abgegeben only complete assembly can be supplied
		delayed action device inst. of 00285 - G49	
7			
	Änderung Nr. 9012 Change Nr. 9012		
8	00377 - 132	Treibfeder an Stelle v. 00257 - 132	 00377-132
		drive spring inst. of 00257 - 132	
9			
	Änderung Nr. 9383 Change Nr. 9383		
10	00475 - 111	Kontakthebel an Stelle v. 00322 - 111	 00475-111
		contact lever inst. of 00322 - 111	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
5942	2	3.1.58	9383	10	25.8.59			
5954	4	" " "						
8388	6	25.8.59						
9012	8	" " "						

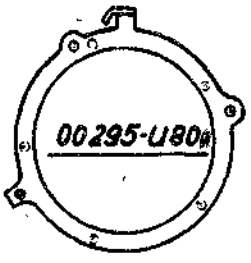
Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

Nr. 00 M.280

Liste best.au: — 97
Gefertigt: 1.2.50 folgende

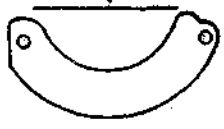
Teil Nr.	Teilbenennung:
00295-U80a	Antriebring
	drive ring
00257-U85	Fingerhebel
	exterior releasing lever
00280-U143	Frontplatte alt
	front plate old
00257-U5	Irislamelle 10 St.
	diaphragm blade 10 pieces
00280-U1	Kapsel
	case
00280-U173	Kontaktplatte
	contact plate
00257-U 90	Riegelhebelplatte
	bar lever plate
00280-U15	Werkteil
	base plate
00257-141	Anschraubring
	thread ring
00257-106	Auslöshebel
	inner releasing lever
00257-134	Einstellbogen
	top plate
00280-137	Einstellring
	timing ring

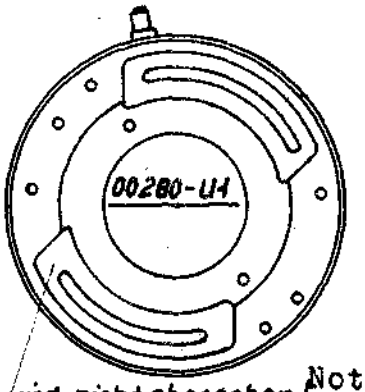
Teil:



00257-U85

00257-U5

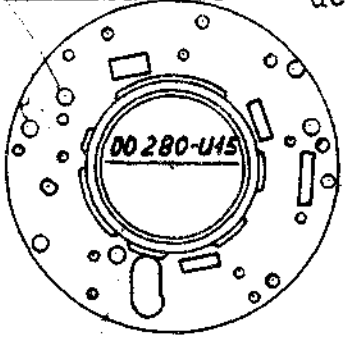




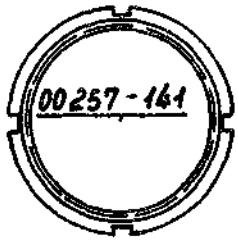
00280-U173

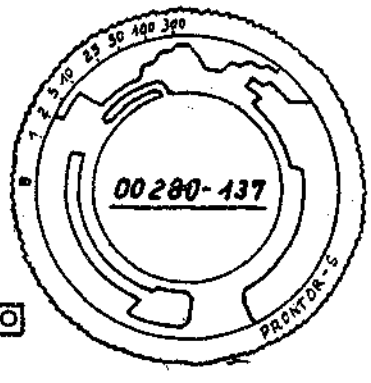
wird nicht abgegeben / Not to be delivered

00257-U90

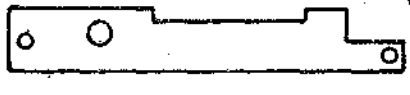


00257-106





00257-134



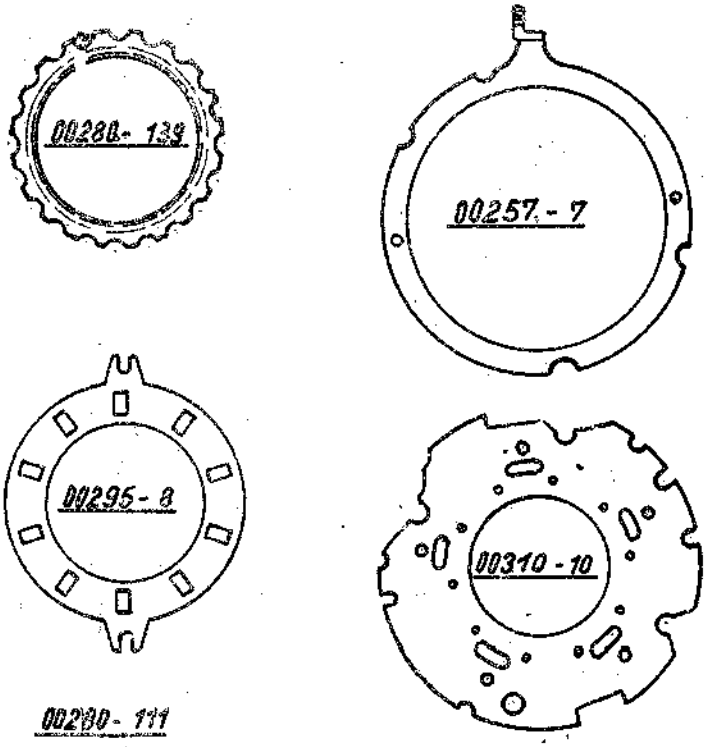
Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

Nr. 00 M. 280

Blatt 2
geprüft:
gefertigt: 1.2.50

Teil Nr.	Teilbenennung
00280-139	Frontplattenring
	front plate ring
00257-7	Irisszeigerring
	diaphragm index ring
00295-8	Irisscheibe
	diaphragm disk
00310-10	Irisdeckscheibe
	diaphragm covering disk
00280-111	Kontaktlhebel
	contact lever
00257-116	Sektor 5 St.
	shutter blade 5 pieces
00295-117	Sektorenscheibe 4 St.
	shutter blade washer 4 pieces
00257-156	Sicherungshebel
	securing ring
00257-117	Sektorenscheibe
	shutter blade washer
00257-U96	Spannhebel
	cocking lever
00280-38	Vorlaufwerkspernhebel
	locking lever for self timer mechanism
00257-119	Zeithebel
	time lever
00295-G20	Hemmwerk
	escapement mechanism
00280-G49	Vorlaufwerk
	self timer mechanism

Teil



Alfred Gaulhier G.m.b.H.
Calmbach a.d. Enz

Nr 00M. 280

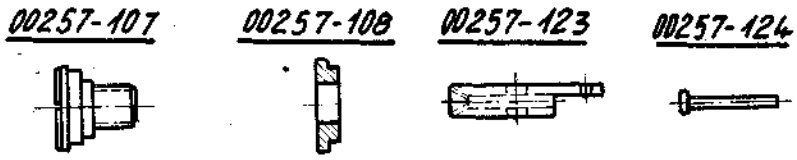
Blatt 3 | 97

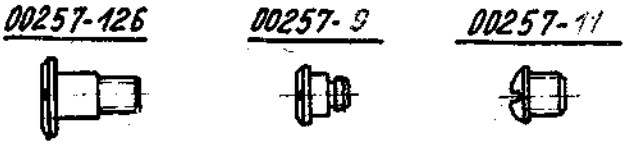
Geprüft:

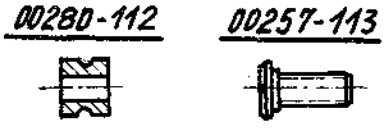
gezeichn. 3.1.52. Hilfinger

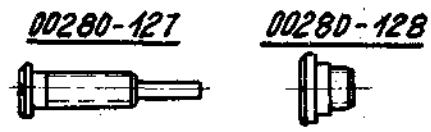
Teil Nr.	Teilbenennung
00257-107	Auslöshebelschraube
	screw of inner
	releasing lever
00257-108	Auslöshebelunterlagsch.
	washer of inner
	releasing lever
00257-123	Auslösrohr
	releasing tube
00257-124	Auslösstift
	releasing pin
00257-125	Auslösrohrschr. 2 St.
	releasing tube
	screw 2 pieces
00257-135	Einstellbogenschr. 2 St.
	top plate screw
	2pcs
00257-126	Fingerhebelschraube
	screw of exterior
	releasing lever
00257-11	Irisdeckscheibenschr. 2St.
	diaphragm covering
	plate screw
	2 pieces
00257-9	Irisschraube 2St
	diaphragm screw
	2 pieces
00280-112	Kontakthebelbüchse
	contact lever
	bushing
00257-113	Kontakthebelschr.
	contact lever
	screw
00280-127	Ringfederanschlagschr.
	stop screw for
	drive ring spring
00280-128	Ringfederschraube
	screw for drive
	ring spring

Teil:









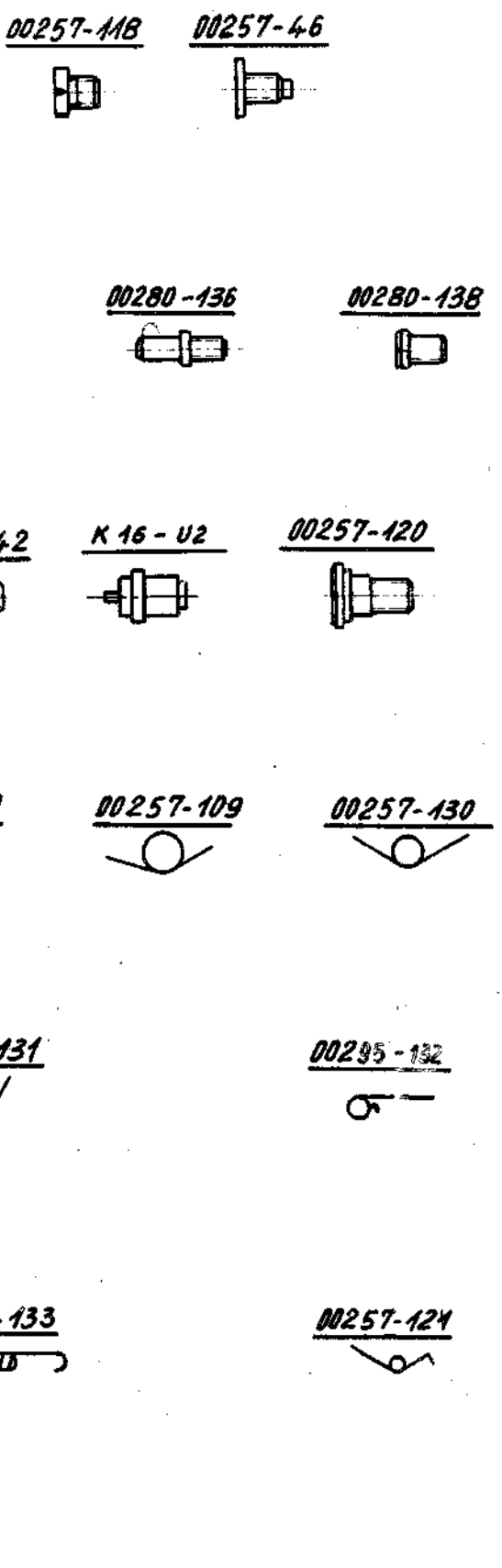
Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

Nr. 00 M. 280

Blatt 4
geprüft:
gezeichn. 2.1.52

Teil Nr.	Teilbenennung
00257-118	Sektorenschr. 5 St.
	shutter blade screw 5pcs
00257-46	Spannhebelachsenschr.
	screw for cocking lever axis
K16 - U2	Kontakt
	contact
00280-136	Werkbefestigungsschr. long
	fixing screw for mechanism long
00280-138	Werkbefestigungsschr. kurz
	fixing screw for mechanism short
00257-142	Werkteilschraube 3 St.
	screw for base plate 3 p.
00257-120	Zeithebelschr.
	time lever screw
00295-129	Antriebringfeder
	spring for drive ring
00257-109	Auslöshebelfeder
	spring for inner releasing lever
00257-130	Fingerhebelfeder
	spring for exterior releasing lever
00257-131	Riegelhebelfeder
	bar lever spring
00295-132	Treibfeder
	drive spring
00257-133	Vorlaufwerkfeder
	spring of self timer mechanism
00257-121	Zeithebelfeder
	retaining lever spring

Teil:

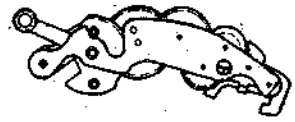


Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00280

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1,2,3
Blatt Nr. 1 | Gepr.
Gefertigt: 7.1.58 fe.

Lfd.Nr.	Teil Nr.	Teilbenennung:	Teil:
1			
	Änderung Nr. 4574 Change Nr. 4574		
2	00280h4 - 139	Frontplatenring an Stelle v. 00280 - 139	 00280h4-139
		front plate ring inst. of 00280-139	
3			
	Änderung Nr. 4586 Change Nr. 4586		
4	00280 - G49.1	Vorlaufwerk an Stelle v. 00280 - G49	 00280 - G49.1 wird nur als Ganzes abgegeben only complete assembly can be supplied
		delayed action device inst. of 00280 - G49	
5			
	Änderung Nr. 4643 Change Nr. 4643		
6	00295 - 139	Frontplatenring an Stelle v. 00280h4 - 139	 00295-139
		front plate ring inst. of 00280h4 - 139	
7			
	Änderung Nr. 4739 Change Nr. 4739		
8	00257 - U96.1	Spannhebel an Stelle v. 00257-U96	 00257-U96.1
		cocking lever inst. of 00257-U96	
9	00280 - U15.1 (mit Niet 00257-16) (with pin 00257-16)	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00280-U15 base plate (with. sketsch) cannot be supplied inst. of 00280-U15	
10	00310 - 104	Treibklinkenfeder	 00310-104
		driving latch spring	

Änderungszustand dieses Blattes

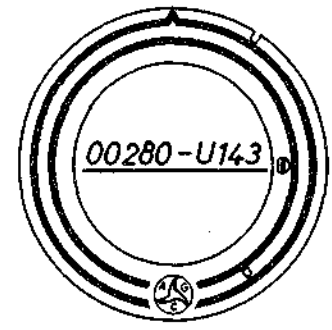
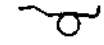
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4574	2	7.1.58						
4586	4	" " "						
4643	6	" " "						
4739	8,9,10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00280

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 7. 1. 58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
2	00280 - U15.1 (mit Niet 00295-16) (with pin 00295-16)	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00280 - U15.1 base plate (with. sketsch) cannot be supplied inst. of 00280 - U15.1	
3	00295 - U96.1	Spannhebel an Stelle v. 00257 - U96.1 cocking lever inst. of 00257 - U96.1	00295-U96.1
4			
5	00280 - U143	Frontplatte neu an Stelle v. 00280 - U143 alt front plate new inst. of 00280 - U143 old	 00280-U143
6		Änderung Nr. 4826 Change Nr. 4826	
7	00322 - 111	Kontakthebel an Stelle v. 00280 - 111 contact lever inst. of 00280 - 111	00322-111
8		Änderung Nr. 4887 Change Nr. 4887	
9	00257 - 129	Antriebringfeder an Stelle v. 00295 - 129 drive ring spring inst. of 00295 - 129	 00257-129
10			

Änderungszustand dieses Blattes

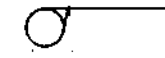
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4826	7	7. 1. 58						
4887	9	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00280

Geänderte Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 3 | Gepr.
Gefertigt: 7.1.58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 5942 Change Nr. 5942		
2	00257 - 127	Ringfederanschlagschr. an Stelle v. 00280 - 127	 00257-127
		stop screw for ring spring inst. of 00280 - 127	
3			
	Änderung Nr. 5954 Change Nr. 5954		
4	00314 - 116	Sektor an Stelle v. 00257 - 116	 00314-116
		shutter blade inst. of 00257 - 116	
5			
	Änderung Nr. 6351 Change Nr. 6351		
6	00375 - 132	Treibfeder an Stelle v. 00295 - 132	 00375-132
		drive spring inst. of 00295 - 132	
7			
	Änderung Nr. 9383 Change Nr. 9383		
8	00475 - 111	Kontakthebel an Stelle v. 00322-111	 00475-111
		contact lever inst. of 00322 - 111	
9			
10			

Änderungszustand dieses Blattes

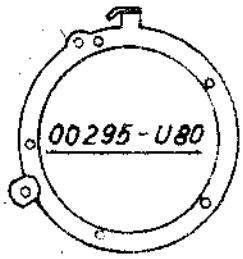
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
5942	2	7. 1. 58						
5954	4	" " "						
6351	6	" " "						
9383	8	25.8.59						

Alfred Gauthier G.m.b.H
Calmbach a.d. Enz

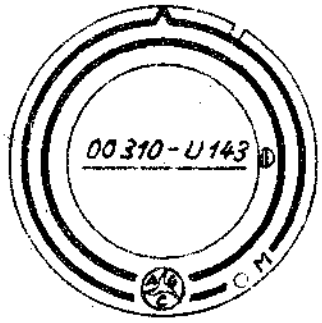
Nr. 00 M.310

Liste best. aus Bl. 1-4
Bl. Nr. 1
gefertigt 27.2.52 Lampert
Anz. d. Änd. Bl.: 1,2,3

Teil-Nr.	Teilbenennung
00295-U80	Antriebring drive ring
00257-U85	Fingerhebel trigger release
00310-U143	Frontplatte front plate
00257-U5	Irislamelle (10 Stück) diaphragm blade (10 pieces)
00310-U1	Kapsel shutter housing
00295-U1731	Kontaktplatte contact plate
00310-U226.1	Kontakthebel 2 contact lever 2
00284-U90	Riegelhebelplatte bar lever plate
00295-U96	Spannhebel cocking lever assembly
00310-U212	Umstellring synchro switch ring
00310-U15	Werkteil base plate
00257-141	Anschraubring flange
00257-106	Auslöshebel release lever
00310-134	Einstellbogen index plate
00310-137	Einstellring speed setting ring



00257-U85

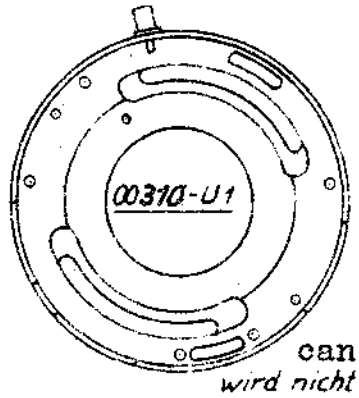


00257-U5

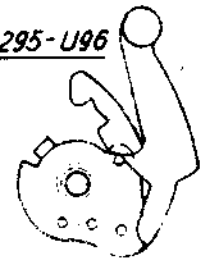
00295-U1731

00310-U226.1

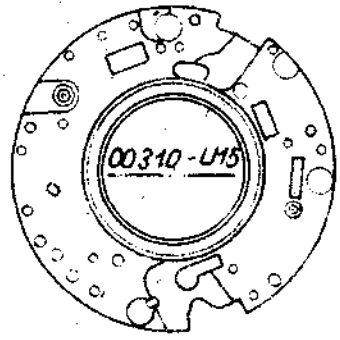
00284-U90

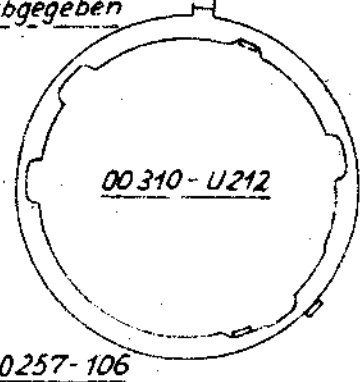


00295-U96

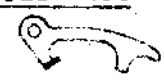


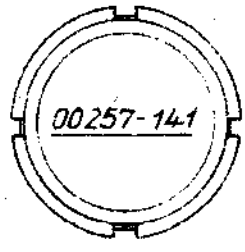
can not be supplied
wird nicht abgegeben

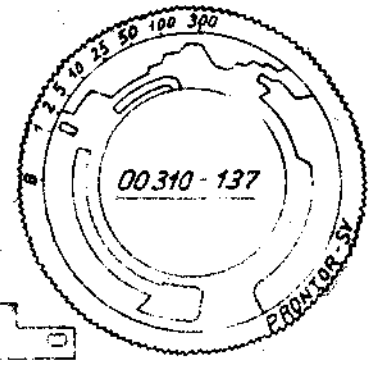




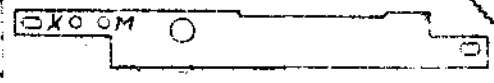
00257-106







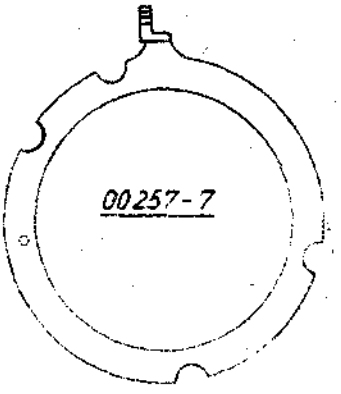
00310-134

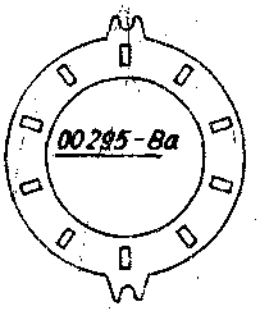


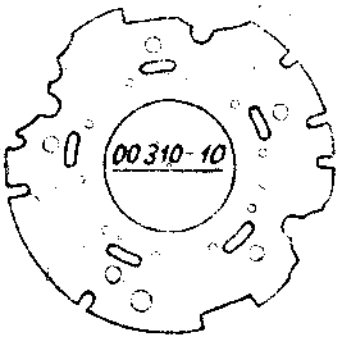
Nr. 00 M.310

Teil-Nr.	Teilbenennung
00295-139	Frontplattenring
	front plate ring
00257-7	Iriszeigerring
	diaphragm index ring
00295-8a	Irisscheibe
	diaphragm disk
00310-10	Irisdeckscheibe
	diaphragm covering disk
00280-111	Kontakthebel 1
	contact lever 1
00295-116	Sektor (5 Stück)
	shutter blade (5p.)
00295-117	Sektorenscheibe (4St.)
	shutter blade washer (4 pieces)
00257-156	Sicherungshebel
	locking lever
00257-117	Sektorenscheibe
	shutter blade washer
00280-38	Vorlaufwerksperrhebel
	locking lever for delayed action assembly
00257-119	Zeithebel
	time lever
00295-620	Hemmwerk
	slow speed assembly
00310-649	Vorlaufwerk
	delayed action assembly

Teil







00280-111

00295-116

00295-117

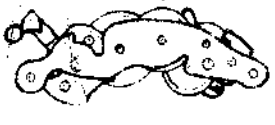
00257-156

00257-117

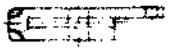
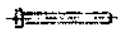
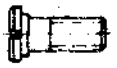
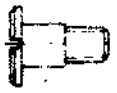
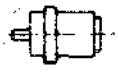
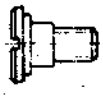
00280-38

00257-119

00310-649



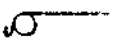
00295-620

Teil-Nr.	Teilbenennung	Teil
00257-107	Auslöshebelschraube release lever screw	
00257-108	Auslöshebelunterlagsch. release lever washer	
00257-123	Auslösrohr cable release socket	
00257-124	Auslösstift cable release socket pin	
00257-125	Auslösrohrschr. (2 Stück) cable release socket screw (2 pieces)	
00257-135	Einstellbogenschr. (2 Stück) index plate screw 2pcs	
00257-126	Fingerhebelschraube trigger release screw	
00257-9	Irisdeckscheibenschr. (2St.) diaphr. covering plate screw 2pcs Irisschraube (2 Stück) diaphragm screw 2pcs	
K 16-U2	Kontakt contact	
00280-112	Kontakthebelbüchse contact lever bushing	
00257-113	Kontakthebelschraube contact lever screw	
00280-127	Ringfederanschlagschr. screw for drive ring spring stud	
00280-128	Ringfederschraube screw for drive ring spring	
00257-118	Sektorenschraube (5St.) shutter blade screw (5 pieces)	
00257-46	Spannhebelachsenschr. screw for cocking lever post	
00280-136	Werkbefestigungsschr. lg. fixing screw for assembly long	
00280-138	Werkbefestigungsschr. kurz fixing screw for assembly short	
00257-142	Werkteilschr. 3 Stück base plate screw 3 pcs.	
00257-120	Zeithebelschr.	

Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

Nr. 00 M. 310

Blatt 4 | 107
geprüft
gefertigt 27.2.52 Lampert

Teil-Nr.	Teilbenennung	Teil
00295-129	Antriebringfeder drive ring spring	00295-129
00257-109	Auslöshebelfeder spring for release lever	00257-109
00257-130	Fingerhebelfeder spring for trigger release	00257-130
00295-230	Kontakthebelfeder contact lever spring	00295-230
00310-237	Rastenfeder notched spring	00310-237
00295-132	Treibfeder drive spring	00295-132 
00257-133	Vorlaufwerkfeder spring for delayed action assembly	00257-133
00257-121	Zeithebelfeder spring for time lever	00257-121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

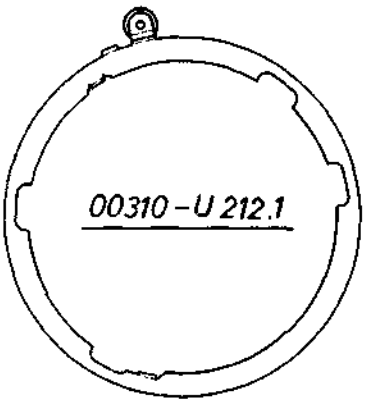
Mod. 00310

Geänderte Teile
Changed parts

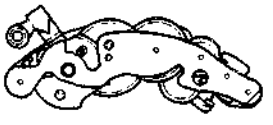
Liste besteht aus Blatt 1,2,3
Blatt Nr. 1 | Gepr.
Gefertigt: 30.1.58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
	Änderung Nr. 4253 Change Nr. 4253	
2	00310 - U212.1	Umstellring an Stelle v. 00310-U212
		synchro switch ring inst. of 00310-U212
3		
	Änderung Nr. 4586 Change Nr. 4586	
4	00310 - G49.1	Vorlaufwerk an Stelle v. 00310-G49
		delayed action device inst. of 00310-G49
5		
	Änderung Nr. 4739 Change Nr. 4739	
6	00295 - U96.1	Spannhebel an Stelle v. 00295-U96
		cocking lever inst. of 00295-U96
7	00310 - U15.1	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00310-U15
		base plate (with. sketsch) cannot be supplied inst. of 00310-U15
8	00310 - 104	Treibklinkenfeder
		driving latch spring
9		
	Änderung Nr. 4826 Change Nr. 4826	
10	00322 - 111	Kontakthebel an Stelle v. 00280-111
		contact lever inst. of 00280-111

Teil:



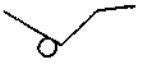
00310-U212.1



00310-G49.1

wird nur als Ganzes abgegeben
only complete assembly can be supplied

00295-U96.1



00310-104

00322-111

Änderungszustand dieses Blattes

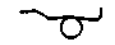
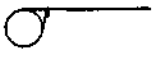
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4253	2	30.1.58						
4586	4	" " "						
4739	6, 7, 8	" " "						
4826	10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00310

Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 30.1.58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 4887 Change Nr. 4887		
2	00257 - 129	Antriebringfeder an Stelle v. 00295 - 129	 00257-129
		drive ring spring inst. of 00295 - 129	
3			
	Änderung Nr. 5942 Change Nr. 5942		
4	00257 - 127	Ringfederanschlagschr. an Stelle v. 00280 - 127	 00257-127
		stop screw for ring spring inst. of 00280 - 127	
5			
	Änderung Nr. 5954 Change Nr. 5954		
6	00314 - 116	Sektor an Stelle v. 00295 - 116	 00314-116
		shutter blade inst. of 00295 - 116	
7			
	Änderung Nr. 6351 Change Nr. 6351		
8	00375 - 132	Treibfeder an Stelle v. 00295 - 132	 00375-132
		drive spring inst. of 00295 - 132	
9			
	Änderung Nr. 6916 Change Nr. 6916		
10	00310 - G49.2	Vorlaufwerk an Stelle v. 00310 - G49.1	 00310-G49.2 wird nur als Ganzes abgegeben only complete assembly can be supplied
		delayed action device inst. of 00310 - G49.1	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4887	2	30.1.58	6916	10	30.1.58			
5942	4	" " "						
5954	6	" " "						
6351	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00310

Geänderte Teile
Changed parts

Liste besteht aus Blatt ...
Blatt Nr. 3 | **Gepr.** ...
Gefertigt: 24.8.59 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	Änderung Nr. 9383 Change Nr. 9383		
2	00475 - 111	Kontakthebel an Stelle v. 00322-111 contact lever inst.of 00322-111	 00475-111
3			
4			
5			
6			
7			
8			
9			
10			

Änderungszustand dieses Blattes

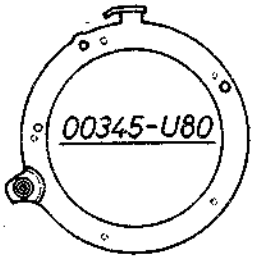
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9383	2	24.8.59						

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

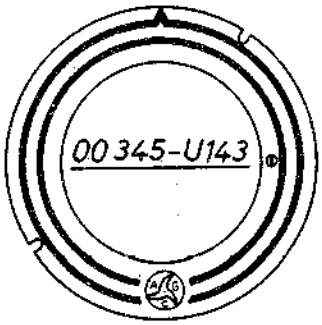
Mod. 00345

Liste besteht aus Blatt 1-4
Blatt Nr. 1 | Gepr.
Gefertigt: 30.4.57 fe.
Teil: | Anz.d.Änd.Bl. : 1,2

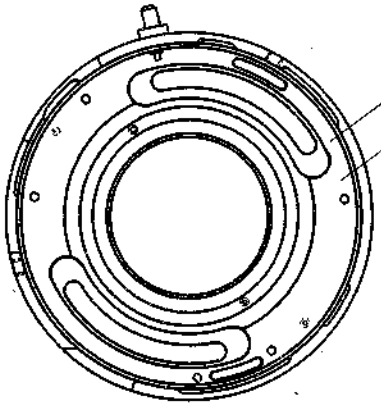
Teil Nr.:	Teilbenennung:
00345 - U80	Antriebring
	drive ring
00345 - U85.1	Fingerhebel
	trigger release
00345 - U143	Frontplatte
	front plate
00257 - U5	Irislamelle
	diaphragm blade
00345 - U1	Kapsel
	shutter housing
K16 - U2	Kontakt
	contact
00295 - U173.1	Kontaktplatte
	contact plate
00310 - U226.1	Kontakthebel 2
	contact lever 2
00345 - U96	Spannhebel
	cocking lever
00345 - U437	Spannarm 2
	cocking arm 2
00345 - U430	Stützhebel
	supporting lever
00345 - U212	Umstellring
	synchro switch ring
00345 - U15	Werkteil
	base plate



00345 – U85.1



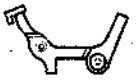
00257 – U5



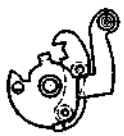
00345 – U1
wird nicht abgegeben
cannot be supplied

K16 – U2

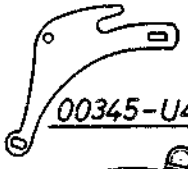
00295 – U173.1



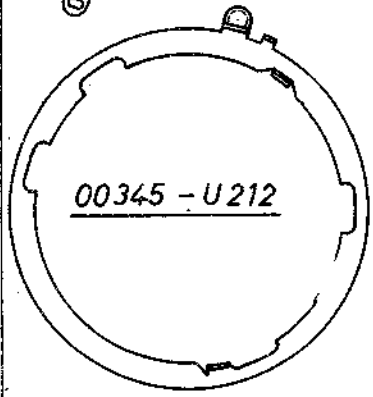
00310 – U226.1

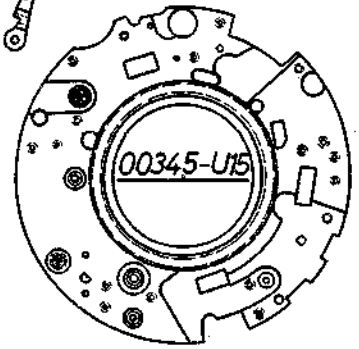


00345 – U96



00345 – U430





wird nicht abgegeben
cannot be supplied

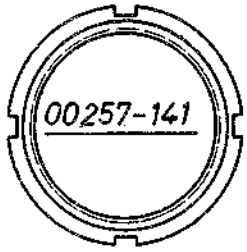
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz.

Mod. 00 345

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 30.4.57 fe.

Teil Nr.:	Teilbenennung:
00257 - 141	Anschraubring
	flange
00345 - 106	Auslöshebel
	release lever
00345 - 442	Auslösrohrunterlage
	cable release socket base
00345 - 134	Einstellbogen
	index plate
00345 - 137	Einstellring
	speed setting ring
00295 - 139	Frontplatenring
	front plate ring
00257 - 7	Iriszeigerring
	diaphr. index ring
00295 - 8a	Irisscheibe
	diaphragm disk
00310 - 10	Irisdeckscheibe
	diaphr. covering disk
00322 - 111	Kontakthebel 1
	contact lever 1
00295 - 116	Sektor 5 Stück
	shutter blade 5 pcs.
00295 - 117	Sektorenscheibe 4 Stück
	shutter blade disk 4 pcs.
00257 - 117	Sektorenscheibe 1 Stück
	shutter blade disk 1 pcs.
00345 - 156	Sicherungshebel
	locking lever
00345 - 433	Spannarm 1
	cocking arm 1
00345 - 119	Zeithebel
	time lever

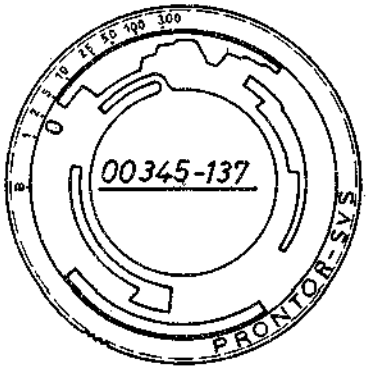
Teil:



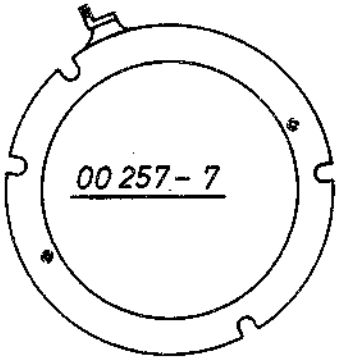
00345-106

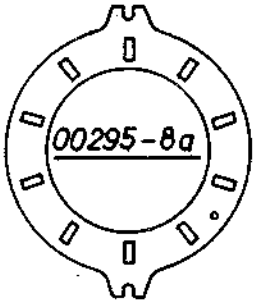
00345-442

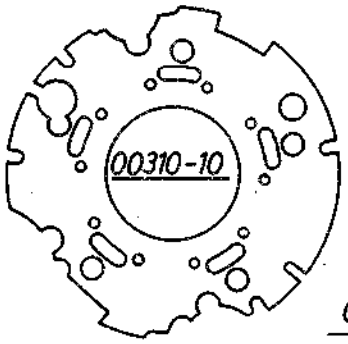
00345-134



00295-139


00 257 - 7


00295-8a


00310-10

00322-111

00295-116

00295-117

00257-117

00345-156

00345-433

00345-119

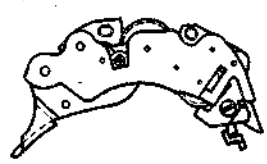
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00 345

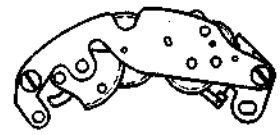
Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 30.4.57 fe.

Teil Nr.:	Teilbenennung:
00345 - G20	Hemmwerk
	slow speed assembly
00345 - G49	Vorlaufwerk
	delayed action assembly
00345 - 107	Auslöshebelschraube
	release lever screw
00345 - 123	Auslösrohr
	cable release socket
00345 - 124	Auslösstift
	cable release socket pin
00257 - 125	Auslösrohrschr. 2 Stück
	cable release socket screw 2pcs.
00345 - 443	Befestigungsschr. f. Vlfw. lang
	fixing screw for assembly long
00257 - 157	Befestigungsschr. f. Vlfw. kurz
	fixing screw for assembly short
00257 - 135	Einstellbogenschr. 2 Stück
	index plate screw 2pcs.
0257 - 146	Fingerhebelschr.
	trigger release screw
00257 - 9	Irisschraube 2 Stück
	diaphr. screw 2pcs.
00257 - 135	Irisdeckscheibenschr. 2St.
	diaphr. disk screw 2pcs.
00280 - 112	Kontakthebelbüchse
	contact lever bushing
00257 - 113	Kontakthebelschr.
	contact lever screw
00257 - 127	Ringfederanschlagschr.
	ring spring stop screw
00280 - 128	Ringfederschraube
	ring spring screw
00257 - 118	Sektorenschraube 5 Stck.
	shutter blade screw 5pcs.
0257 - 146	Spannhebelachsenschr.
	cocking lever screw
00345 - 435	Spannarmschr.
	cocking arm screw
00280 - 138	Werkbefestigungsschr. kurz
	fixing screw for assembly short
00280 - 136	Werkbefestigungsschr. lang
	fixing screw for assembly long
00257 - 142	Werkteilschr. 3 Stück
	base plate screw 3pcs

Teil:

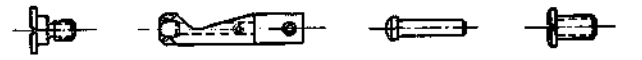


00345 - G20



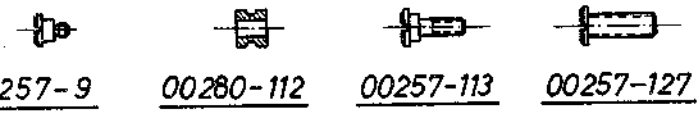
00345 - G49

wird nur als Ganzes abgegeben
only complete assembly can be supplied

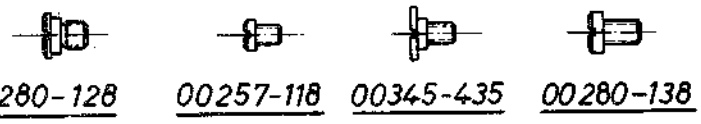


00345-107 | 00345-123 | 00345-124 | 00257-125

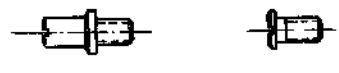
00345-443 | 00257-157 | 00257-135 | 0257-146



00257-9 | 00280-112 | 00257-113 | 00257-127



00280-128 | 00257-118 | 00345-435 | 00280-138



00280-136 | 00257-142

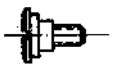
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00345

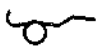
Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 30.4.57 fe.

Teil Nr.:	Teilbenennung:
00257 - 120	Zeithebelschraube
	time lever screw
00257 - 129	Antriebringfeder
	drive ring spring
00345 - 109	Auslöshebelfeder
	release lever spring
00345 - 130	Fingerhebelfeder
	trigger release spring
00295 - 230	Kontakthebelfeder
	contact lever spring
00295 - 132	Treibfeder
	drive spring
00345 - 104	Treibklinkenfeder
	drive latch spring
00345 - 133	Vorlaufwerkfeder
	delayed action spring
00345 - 121	Zeithebelfeder
	time lever spring

Teil:



00257-120



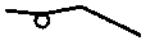
00257 - 129

00345-109

00345-130

00295 - 230

00295-132



00345 - 104

00345-133

00345-121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

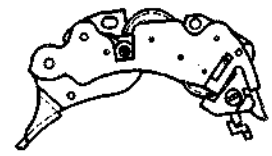
Mod. 00345

Geänderte Teile
Changed parts

Liste besteht aus Blatt 1,2
Blatt Nr. 1 | Gepr.
Gefertigt: 30.4.57

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	00345 - G20.1	Hemmwerk an Stelle v. 00345 - G20
		slow speed assembly inst. of 00345 - G20
2	00257 - 125	Befestigungsschr. f. Vlfw. kurz an Stelle v. 00257 - 157
		fixing screw for assembly short inst. of 00257 - 157
3	00345 - 436	Zwischenplatte nach Bedarf
		intermediate plate according to requirement
4	00345 - 434	Spannarmscheibe
		cocking arm washer
5	00345 - G49.1	Vorlaufwerk an Stelle v. 00345 - G49
		delayed action assembly inst. of 00345 - G49
6	00345 - U437.2	Spannarm 2 an Stelle v. 00345 - U437
		cocking arm 2 inst. of 00345 - U437
7	00345 - 429	Spannarmhalteschr.
		cocking arm holding screw
8	00295 - 129	Antriebringfeder an Stelle v. 00257 - 129
		drive ring spring inst. of 00257 - 129
9	00257 - 157	Befestigungsschr. f. Vlfw. kurz an Stelle v. 00257 - 125
		fixing screw for assembly short inst. of 00257 - 125
10	00314 - 116	Sektor 5 Stück an Stelle v. 00295 - 116
		shutter blade 5 pcs. inst. of 00295 - 116

Teil:



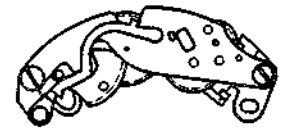
00345 - G20.1

wird nur als Ganzes abgegeben
only complete assembly can be supplied

00257-125

00345-436

00345-434



00345-G49.1

wird nur als Ganzes abgegeben
only complete assembly can be supplied

00345-U437.2

00345-429

00295-129

00314-116

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
5086	1	30.4.57	5591	5,6,7	30.4.57			
5091	2	" " "	5651	8	" " "			
5424	3	" " "	5730	9	" " "			
5575	4	" " "	5954	10	" " "			

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00 345

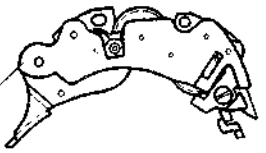
Geänderte Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 2 | Gepr.
Gefertigt: 30.4.57 Fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	00375 - 443	Befestigungsschr. f. Vlfw. lg. an Stelle v. 00345-443 fixing screw for assembly long inst. of 00345-443
2	00345 - G20.2	Hemmwerk an Stelle v. 00345-G20.1 slow speed assembly inst of 00345-G20.1
3	00375 - 119	Zeithebel an Stelle v. 00345-119 time lever inst of 00345-119
4	00375 - 132	Treibfeder an Stelle v. 00295-132 drive spring inst of 00295-132
5	00375 - 119 1	Zeithebel an Stelle v. 00375-119 time lever inst of 00375-119
6	00375 - 433	Spannarm 1 an Stelle v. 00345-433 cocking arm 1 inst of 00345-433
7	00 345 - G20.1	Hemmwerk an Stelle v 00345-G20.2 slow speed assembly inst of 00345-G20.2
8	00475 - 111	Kontakthebel an Stelle v. 00322-111 contact lever inst.of 00322-111
9		
10		

Teil:

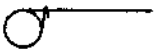
00375-443



00345-G20.2

wird nur als Ganzes abgegeben
only complete assembly can be supplied

00375-119



00375-132

00375-119.1

00375-433

00475-111

Änderungszustand dieses Blattes

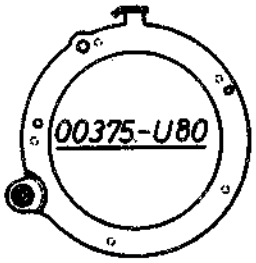
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6090	1	30.4.57	6540	5	30.4.57			
6161	2	" " "	6856	6	" " "			
6232	3	" " "	7604	7	2. 5. 57			
6351	4	" "	9383	8	24. 8. 59			

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod 00 475

Liste besteht aus Blatt 4
Blatt Nr. 1 | Gepr.
Gefertigt: 23.1.57 K.
Teil:
Anz. der Änd. Bl.: 1,2,3

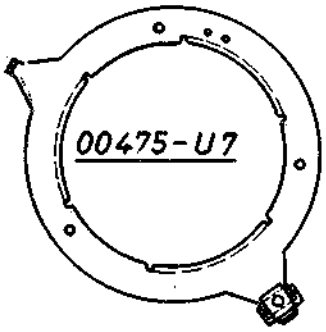
Teil Nr.:	Teilbenennung:
00 375 - U80	Antriebring
	Drive Ring
00345 - U85.2	Fingerhebel
	Trigger Release
00475 - U143	Frontplatte
	Front Plate
00375 - U5	Irislamelle 5 Stück
	Diaphragm Blade, 5 pcs
00475 - U7	Iriszeigerring
	Diaphragm Index Ring
00475 - U1	Kapsel
	Housing
K16 - U2	Kontakt
	Contact
00295-U173.1	Kontaktplatte
	Contact Plate
00310-U226.1	Kontakthebel 2
	Contact Lever 2
00475-U588	Lichtwertring
	Exposure Value Ring
00375-U543	Rastenhebel
	Notched Lever
00345-U96	Spannhebel
	Cocking Lever
00345-U437.2	Spannarm 2
	Cocking Arm 2

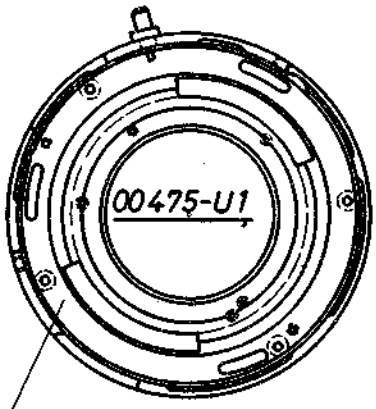


00345-U85.2

00475-U143
(ohne Skizze)
(without sketsch)

00375-U5





wird nicht abgegeben
Cannot be supplied

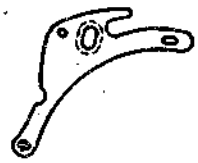
K16-U2

00295-U1731

00 310-U226.1

00375-U543

00345-U96



00345-U437.2

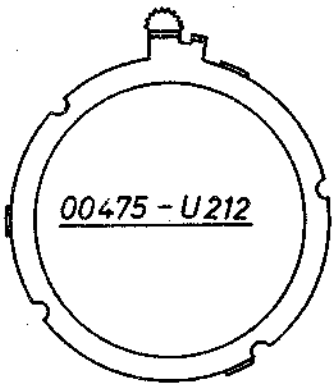
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

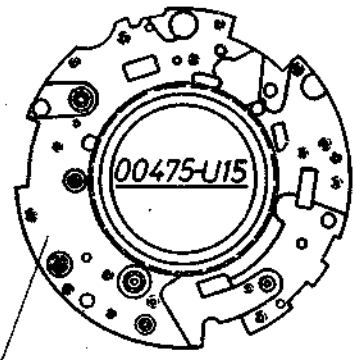
Mod 00 475

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 23.1.57 ..... Fr.

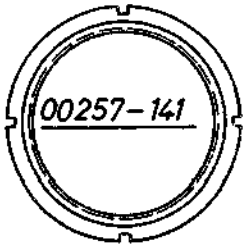
Teil Nr.:	Teilbenennung:
00 475-U212	Umstellring
	Synchro Switch Ring
00 475- U15	Werkteil
	Base Plate
00257- 141	Anschraubring
	Flange
00375- 106	Auslöshebel
	Release Lever
00345- 442	Auslösrohrunterlage
	Cable Release Socket Washer
00475- 134	Einstellbogen
	Index Plate
00475- 137	Einstellring
	Setting Ring
00295- 139	Frontplattenring
	Front Plate Ring
00475- 538	Haltefeder
	Supporting Spring
00475- 8	Irisscheibe
	Diaphragm Disc
00475- 10	Irisdeckscheibe
	Diaphragm Covering Disc
00322- 111	Kontakthebel
	Contact Lever
00475- 237	Rastenfeder
	Notched Spring

Teil:

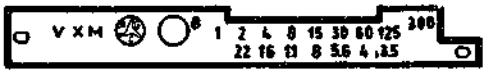




wird nicht abgegeben
Cannot be supplied

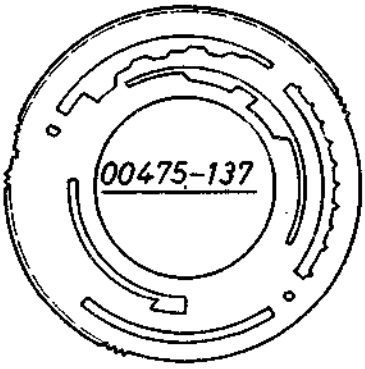


00375-106

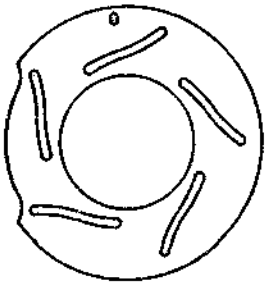


00475-134

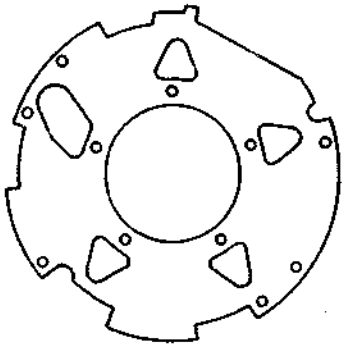
00345-442



00475-538

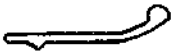


00475-8



00475-10

00322-111



00475-237

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

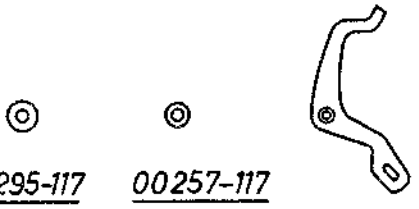
Mod 00475

Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 23.1.57 Ke.

Teil Nr.:	Teilbenennung:
00314-116	Sektor 5 Stück
	Shutter Blade, 5 pcs.
00295-117	Sektorenscheibe 4 Stück
	Shutter Blade Washer, 4 pcs.
00257-117	Sektorenscheibe 1 Stück
	Shutter Blade Washer, 1 pc.
00375-433	Spannarm 1
	Cocking Arm 1
00345-434	Spannarmscheibe
	Cocking Arm Disc
00345-156	Sicherungshebel
	Locking Lever
00375-119	Zeithebel
	Time Lever
00475-G20	Hemmwerk
	Slow Speed Assembly
00375-G49	Vorlaufwerk
	Delayed Action Device
00345-107	Auslashebelschr.
	Release Lever Screw
00345-123	Auslösrohr
	Cable Release Socket
00345-124	Auslössstift
	Cable Release Socket Pin
00257-125	Auslösrohrschr. 2 Stück
	Cable Rel. Socket Screw, 2 pcs.
00375-443	Bef.Schraube f. Vlfw. lang
	Fixing Screw for D.A., long
00257-157	Bef.Schraube f. Vlfw. kurz
	Fixing Screw for D.A., short
00280-138	Bef.Schraube f. HW kurz
	Fixing Screw for Slow Speed Assembly, short
00280-136	Bef.Schraube f. HW lang
	Fixing Screw for Slow Speed Assembly, long
00257-135	Einstellbogenschr. 2 Stück
	Index Plate Screw, 2 pcs.
0257-146	Fingerhebelschr.
	Trigger Release Screw
00335-272	Haltefederschr.
	Supporting Spring Screw
00355-11	Irisdeckscheibenschr. 2 Stück
	Diaphr.Cov. Disc Screw, 2 pcs.
00475-575	Iriszeigerringschr. 3 Stück
	Diaphr.Index Ring Screw, 3 pcs.

Teil:

00314-116


00257-117

00295-117

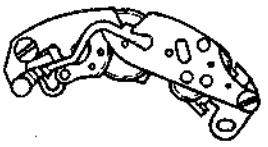
00375-433

00345-434

00345-156

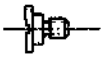
00375-119

00475-G20

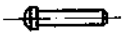

00375-G49

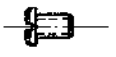
wird nur als Ganzes abgegeben

Only complete assembly can be supplied

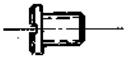

00345-107

00345-123

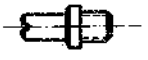

00345-124


00257-125

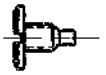
00375-443

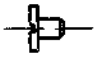

00257-157

00280-138


00280-136

00257-135


0257-146


00335-272

00355-11

00475-575

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00 475

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 23.1.57 K.

Teil Nr.:	Teilbenennung:
00280 - 112	Kontakthebelbüchse
	Contact Lever Bushing
00257 - 113	Kontakthebelschr.
	Contact Lever Screw
00295g - 127	Ringfederanschl. Schr.
	Ring Spring Stop Screw
00280 - 128	Ringfederschr.
	Ring Spring Screw
00257 - 118	Sektorenschr. 5 Stück
	Shutter Blade Screw, 5 pcs.
00381 - 435	Spannarmschr.
	Cocking Arm Screw
0257 - 146	Spannhebelachsenschr.
	Cocking Lever Axis Screw
241 - 107	Werkteilschr. 3 Stück
	Base Plate Screw, 3 pcs.
00257 - 120	Zeithebelschr.
	Time Lever Screw
00375 - 109	Auslöshebelfeder
	Release Lever Spring
00295 - 129	Antriebringfeder
	Drive Ring Spring
00345 - 130	Fingerhebelfeder
	Trigger Release Spring
00295 - 230	Kontakthebelfeder 2
	Contact Lever 2
00375 - 546	Rastenhebelfeder
	Notched Lever Spring
00475 - 541	Rücklauffeder
	Return Spring
00375 - 132	Treibfeder
	Drive Spring
00345 - 104	Treibklinkenfeder
	Driving Latch Spring
00345 - 133	Vlfw.-Feder
	Spring for Del.Act.Device
00345 - 121	Zeithebelfeder
	Time Lever Spring

Teil:

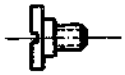
00280-112

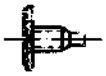
00257-113

00295g-127

00280-128

00257-118


00381-435


0257-146

241-107

00257-120

00375-109

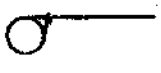
00295-129

00345-130

00295-230

00375-546

00475-541


00375-132

00345-104

00345-133

00345-121

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

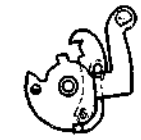
Mod. 00475

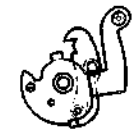
Geänderte Teile
Changed parts

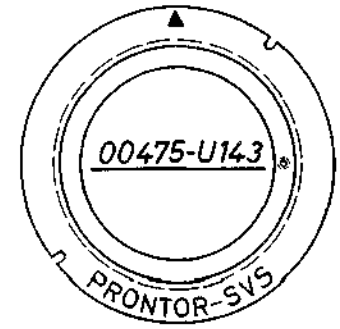
Liste besteht aus Blatt 1,2,3...
Blatt Nr. 1 | Gepr.
Gefertigt: 23.1.57

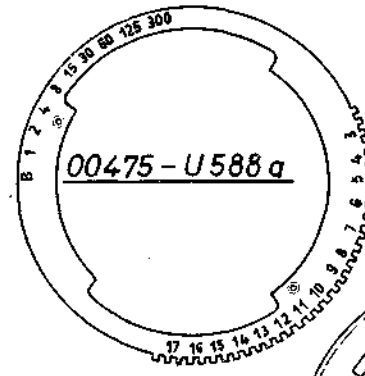
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	00375-119.1	Zeithebel an Stelle v. 00375-119
	inst.	Time Lever of 00375 - 119
2	00345h7-U96	Spannhebel an Stelle von 00345-U96
	inst.	Cocking Lever of 00345 - U96
3	00475 - U96	Spannhebel an Stelle v. 00345h7-U96
	inst.	Cocking Lever of 00345h7 - U96
4	00475 - U143	Frontplatte
		front plate
5	00475 - U588a	Lichtwertring an Stelle v. 00475-U588
	inst	exposure value ring of. 00475 - U 588
6	00475 - G20 1	Hemmwerk an Stelle v. 00475-G20
	inst	slow speed assembly of. 00475 - G20
7	00475 - 137.1	Einstellring an Stelle v. 00475-137
	inst of.	setting ring 00475-137
8	00475 - U85	Fingerhebel an Stelle v. 00345-U85.2
	inst of.	trigger release 00345-U85.2
9	00475 - G49	Vorlaufwerk an Stelle v. 00375 G49
	inst.	delayed action device of 00375-G49
10		

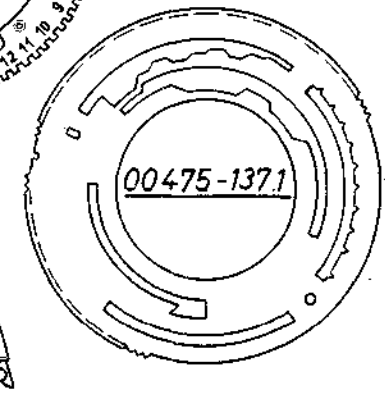
00375-119.1


00345h7-U96


00475-U96

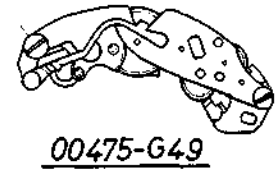






00475-G20.1

wird nur als Ganzes abgegeben
only complete assembly can be supplied


00475-G49

00475-U85

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr	Lfd. Nr.	Tag u. Name	Änd. Nr	Lfd. Nr.	Tag u. Name
6540	1	23.1.57	7588	6.7	11.7.57			
6564	2	" " "	7662	8	" " "			
6609	3	" " "	8484	9	26 3 58			
6794	4,5	11. 7. 57						

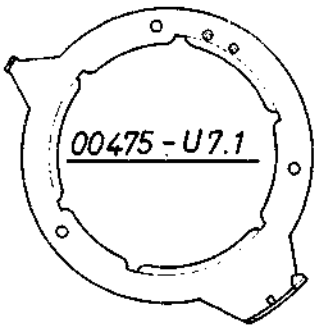
Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00475

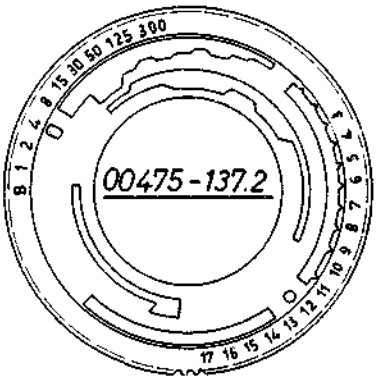
Geänderte Teile
Changed parts

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 27. 5. 58 le.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 8594 Change Nr. 8594		
2	00475 - U7.1	Iriszeigerring an Stelle v. 00475-U7	
		diaphragm pointerring inst. of 00475-U7	
3	00475 - U580.1	Kupplungshebel	
		coupling lever	
4	00475a7 - U15	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00475-U15	
		base plate (with. sketsch) cannot be supplied inst. of 00475-U15	
5	00475 - 137.2	Einstellring an Stelle v. 00475-137.1; 00475-U588a	
		speed setting ring inst. of 00475-137.1; 00475-U588a	
6	00475 - 583.1	Kupplungsfeder	
		coupling spring	
7	00375 - G20.1	Hemmwerk an Stelle v. 00475-G20.1	
		slow speed assembly inst. of 00475-G20.1	
8			
	Änderung Nr. 8636 Change Nr. 8636		
9	00475 - U7.2	Iriszeigerring an Stelle v. 00475-U7.1	
		diaphragm pointer ring inst. of 00475-U7.1	
10	00475 - U580.2	Kupplungshebel; an Stelle v. 00475-U580.1 coupling lever; inst. of 00475-U580.1	
	00475 - 583.2	Kupplungsfeder; an Stelle v. 00475-583.1 coupling lever; inst. of 00475-583.1	



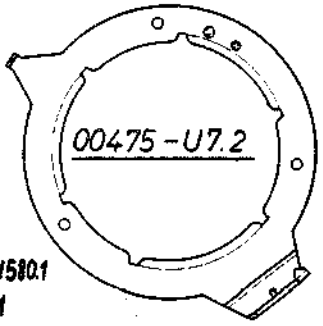
00475-U580.1



00475-583.1

00375 - G20.1

wird nur als Ganzes abgegeben
only complete assembly can be supplied



00475-U580.2

00475 - 583.2

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8594	2,3,4,5,6,7	27.5.58						
8636	8, 10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00475

Geänderte Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 3 | Gepr.
Gefertigt: 4.2.60

Lfd.Nr.	Teil Nr.	Teilbenennung:	Teil:
1			
	Änderung Nr. 9383 Change Nr. 9383		
2	475 - 111	Kontakthebel an Stelle v. 322 - 111	 X475-U226
		contact lever inst. of 322 - 111	
3			
	Änderung Nr. 129 Change Nr. 129		
4	491 - 443	Bef. Schr. f. Vlfw. lang an Stelle v. 375 - 443	 475-111
	fixing screw for	de ayed action device long inst. of 375 - 443	
5			
	Änderung Nr. 175 Change Nr. 175		
6	X475 - U226	Kontakthebel an Stelle v 310 - U226.1	 491-443
		contact lever inst. of 310 - U226.1	
7			
	Änderung Nr. 319 Change Nr. 319		
8	476 - U5	Irislamelle an Stelle v. 491 - U5	 476 - U5
		diaphragm blade inst. of 491 - U5	
9			
	Änderung Nr. 475 Change Nr. 475		
10	555 - 119.1	Zeithebel an Stelle v. 375 - 1191	 555-119.1
		B - lever inst of 375 - 119.1	

Änderungszustand dieses Blattes

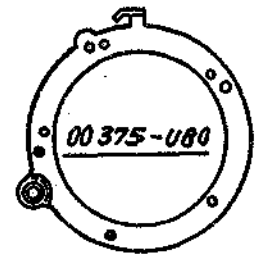
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr	Lfd. Nr	Tag u. Name	Änd. Nr	Lfd. Nr.	Tag u. Name
9383	2	4.2.60	475	10	4.2.60			
129	4	" " "						
175	6	" " "						
319	8	" " "						

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

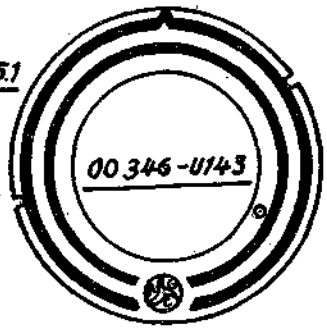
Nr: 00 476

Liste besteht aus Blatt 4
Blatt Nr. 1 | Gepr.
Gefertigt: 5.9.56 K. Dietz
Anz. d. Änd.-Bl. 1,2,3,4

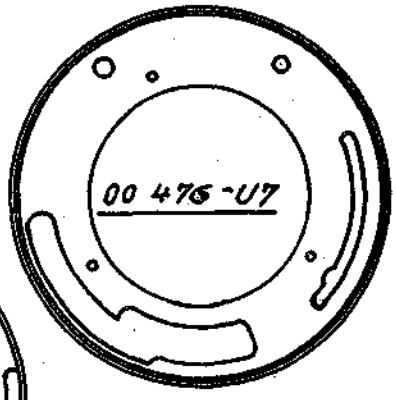
Teil Nr.:	Teilbenennung:	Teil:
00375-U80	Antriebring	
	Drive Ring	
00346h1-U85.1	Fingerhebel	
	Trigger Release.	
00346-U143	Frontplatte	
	Front Plate	
00375-U5	Irislamelle 5 Stück	
	Diaphragm Blade, 5 pcs.	
00476-U7	Iriszeigerring	
	Diaphragm Index Ring	
00476-U1	Kapsel	
	Housing	
00476-U580	Kupplungshebel	
	Coupling Lever	
00345s15-U173	Kontaktplatte	
	Contact Plate	
00345s15-U226	Kontakthebel II	
	Contact Lever II	
00375-U543	Rastenhebel	
	Notch Lever	
00476-U96	Spannhebel	
	Cocking Lever	
00345-U437.2	Spannarm II	
	Cocking Arm II	
00476-U15	Werkteil	
	Base Plate	

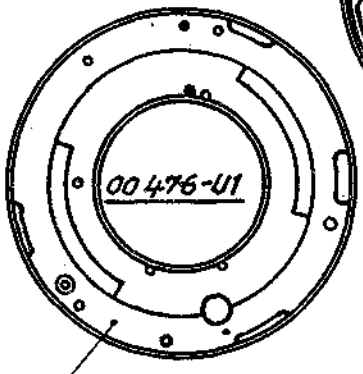


00 346h1-U85.1



00 375-U5





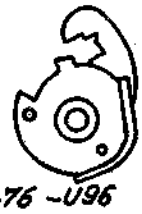
00 476 - U580

Wird nicht abgegeben
Cannot be supplied

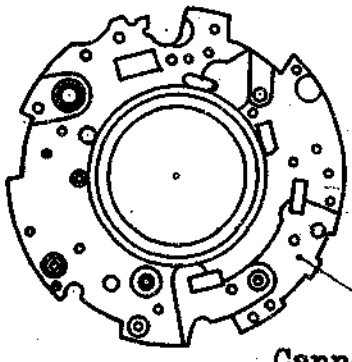
00345s15-U173

00345s15-U226

00375-U543



00 345 - U437.2



wird nicht abgegeben
Cannot be supplied

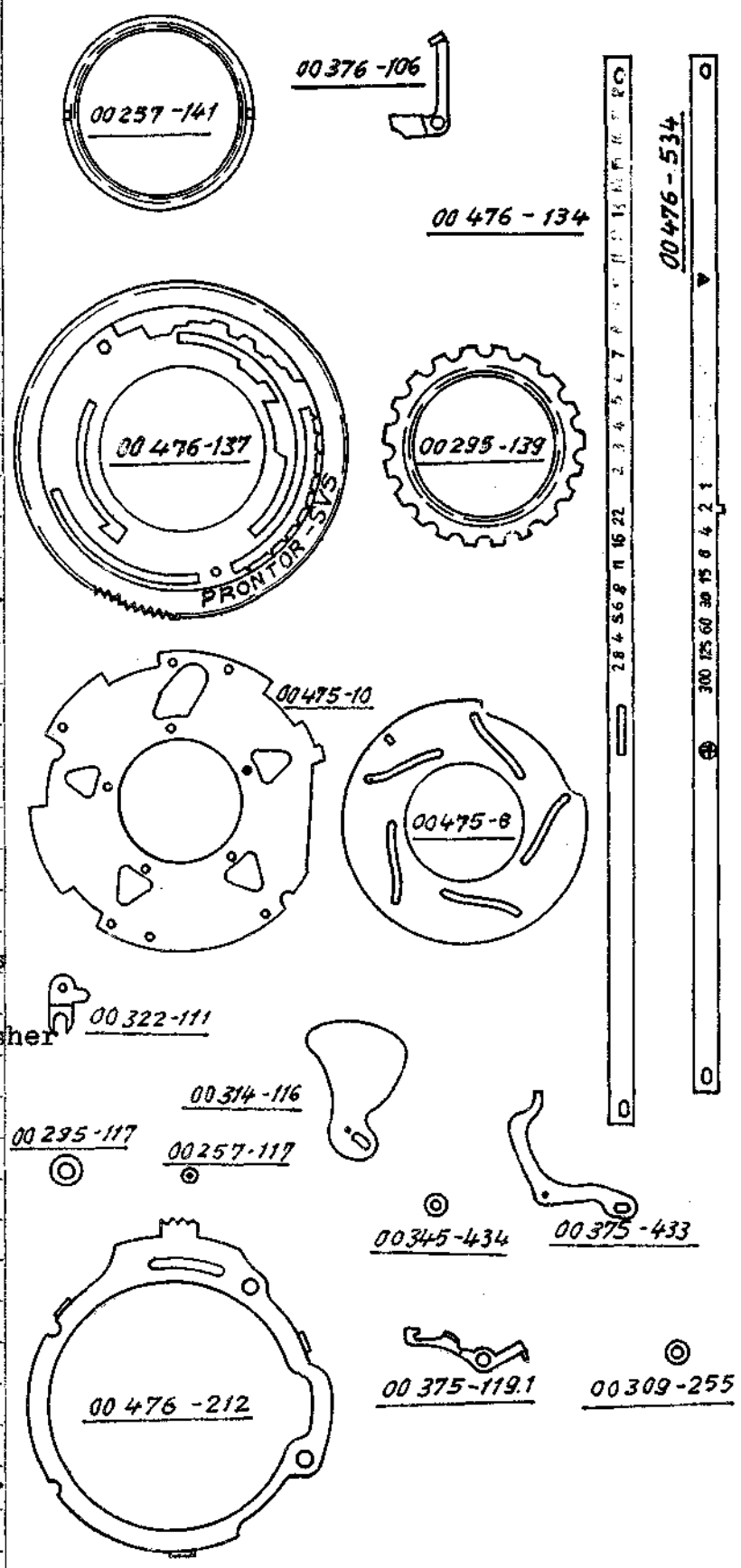
Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Nr. 00 476

Liste besteht aus Blatt .....
Blatt Nr. 2 | Gepr. .....
Gefertigt: 5.9.56 K. Gauthier

Teil Nr.:	Teilbenennung:
00257-141	Anschraubring
	Flange
00376-106	Auslöshebel
	Release Lever
00476-134	Blendenbogen
	Diaphragm Band
1,5 DIN6799	Benzing-Sicherung
	Benzing Fuse
00476-137	Einstellring
	Speed Setting Ring
00295-139	Frontplattenring
	Front Plate Ring
00475-10	Irisdeckscheibe
	Diaphragm Covering Disc
00475-8	Irisscheibe
	Diaphragm Disc
00322-111	Kontakthebel
	Contact Lever
KS8 DIN1475	Knebelkerbstift 1x6
	Notched Pin 1x6
00314-116	5 Sektor
	5 Shutter Blades
00295-117	4 Sektorenscheibe
	4 Shutter Blade Washers
00257-117	Sektorenscheibe
	Shutter Blade Washer
00375-433	Spannarm I
	Cocking Arm I
00345-434	Spannarmscheibe
	Cocking Arm Disc
00476-212	Umstellring
	Synchro Switch Ring
00375-119.1	Zeithebel
	Time Lever
00309-255	Zeithebelunterlag-scheibe
	Time Lever Washer
00476-534	Zeitenbogen (wird bezogen)
Time Band	(to be ordered)

Teil:



Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Nr. 00476

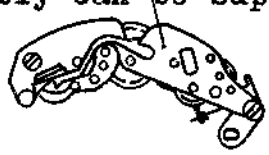
Liste besteht aus Blatt .....
Blatt Nr. 3 | Gepr. .....
Gefertigt: 5.9.56 K. Gruhn

Teil Nr.:	Teilbenennung:
00381-G20	Hemmwerk
	Slow Speed Assembly
00375-G49	Vorlaufwerk
	Delayed Action Device
00346-107	Auslöshebelschraube
	Release Lever Screw
00375-443	Befestigungsschr.
	für Vltw. lang
	Fixing Screw for D.A., long
00257-157	Befestigungsschr. für
	Vltw kurz
	Fixing Screw for D.A., short
00280-136	Befestigungsschr.
	für HW lang
	Fixing Screw for Slow Speed Ass. long
00280-138	Befestigungsschr.
	für HW kurz
	Fix.Screw for Sl.Sp.Ass., short
00476-135	2 Blendenbogenschr.
	2 Diaphragm Band Screws
0257-146	Fingerhebelschr.
	Trigger Release Screw
00335-272	Haltefederschr.
	Holding Spring Screw
00355-11	Irisdeckscheibenschr.
	Diaphragm Covering Disc Scr. Screw, 2 pcs.
00475-575	3 Iriszeigerringschr.
	3 Diaphragm Index Ring Screws
00280-112	Kontakthebelbüchse
	Contact Lever Bushing
00257-113	Kontakthebelschr.
	Contact Lever Screw
00476-135	Kupplungsfederschr.
	Coupling Spring Screw
00295g-127	Ringfederanschlagschr.
	Ring Spring Stop Screw
00280-128	Ringfederschraube
	Ring Spring Screw
00375-118	5 Sektorenschraube
	5 Shutter Blade Screws
00381-435	Spannarmschraube
	Cocking Arm Screw
241-107	Werkteilschraube
	Base Plate Screw

Teil:

wird nur als Ganzes abgegeben
Only complete assembly can be supplied

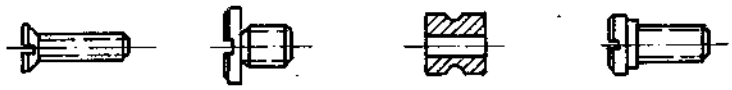
00 381 - G20



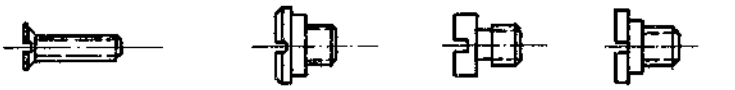
00 375 - G49

00346-107 | 00375-443 | 00257-157 | 00 280 -136

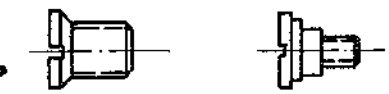
00280-138 | 00476-135 | 0257-146 | 00335 -272



00355-11 | 00475-575 | 00 280 -112 | 00 257 - 113



00 476 -135 | 00 295 g -127 | 00280-128 | 00 375 - 118



00 381 -435 | 241-107

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Nr. 00476

Liste besteht aus Blatt .....
Blatt Nr. 4 | Gepr. .....
Gefertigt: 5.9.56 A. Gauthier

Teil Nr.:	Teilbenennung:
00295-129	Antriebringfeder
	Drive Ring Spring
00375-109	Auslöshebelfeder
	Release Lever Spring
00345-130	Fingerhebelfeder
	Trigger Release Spring
00475-538	Haltefeder
	Holding Spring
00295-230	Kontakthebelfeder II
	Contact Lever Spring II
00475-237	Rastenfeder
	Notch Spring
00375-546	Rastenhebelfeder
	Notch Lever Spring
00475-541	Rücklauffeder
	Retaining Spring
00476-583	Kupplungsfeder
	Coupling Spring
00375-132	Treibfeder
	Drive Spring
00345-104	Treibklinkenfeder
	Driving Latch Spring
00345-133	Vorlaufwerkfeder
	Spring for Del. Act. Device
00346-121	Zeithebelfeder
	Time Lever Spring
00257-120	Zeithebelschraube
	Time Lever Screw
00476-135	Zeitenbogenschraube
	Time Band Screw

Teil:

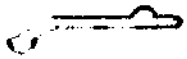
00 295-129

00 375-109

00 345-130

00 475-538

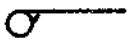
00 295-230


00 475-237

00 375-546

00 475-541

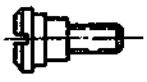
00 476-583

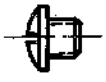

00 375-132

00 345-104

00 345-133

00 346-121


00 257-120


00 476-135

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00476

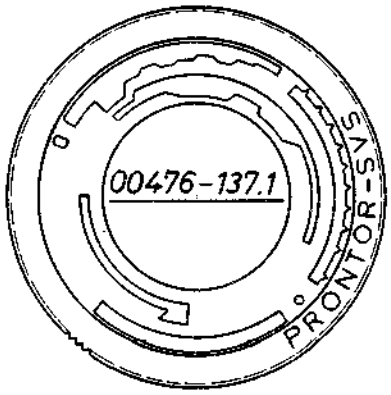
Geänderte Teile
Changed parts

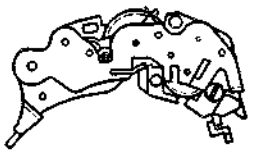
Liste besteht aus Blatt 1,2,3,4
Blatt Nr. 1 | Gepr. .....
Gefertigt: 1.7.57 Fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:
1	00375 - 119.1	Zeithebel an Stelle v. 00375 - 119
		time lever inst. of 00375 - 119
2	1.7 DIN 6799	Benzing-Sicherung (ohne Skizze) an Stelle v. 1.5 DIN 6799
		benzing fuse (with. sketsch) inst. of 1.5 DIN 6799
3	1x5.8 KS8 DIN1475	Knebelkerbstift (ohne Skizze) an Stelle v. 1x6 KS8 DIN1475
		notched pin (with. sketsch) inst. of 1x6 KS8 DIN 1475
4	00381 - 106	Auslöshebel an Stelle v. 00376 - 106
		release lever inst. of 00376 - 106
5	00476 - 137.1	Einstellring an Stelle v. 00476 - 137
		speed setting ring inst. of 00 476 - 137
6	00476 - G20	Hemmwerk an Stelle v. 00381-G20
		escapement mechan. inst. of 00381 - G20
7	00346 - U85.1	Fingerhebel an Stelle v. 00346h1-U85.1
		trigger release inst. of 00346h1- U85.1
8	00476 - 583.1	Kupplungsfeder an Stelle v. 00476 - 583
		coupling spring inst. of 00476 - 583
9	00476 - U7.1	Iriszeigerring an Stelle v. 00476 - U7
		diaphragm pointer ring inst. of 00476 - U7
10		

00375 – 119.1

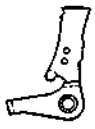
00381-106



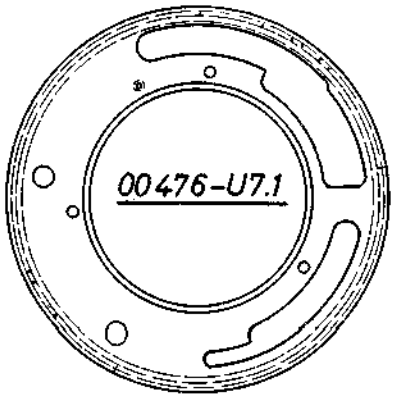


00476 – G20

wird nur als Ganzes abgegeben
only complete assembly can be supplied



00346-U85.1



00476-583.1

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6540	1	1.7.57	7588	5, 6	1.7.57			
6714	2	" "	7780	7	11.7.57			
7010	3	" "	7956	8	28.1.58			
7019	4	" "	8188	9	" "			

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00476

Geänderte Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 2 | Gepr.
Gefertigt: 28.1.58 Ke.

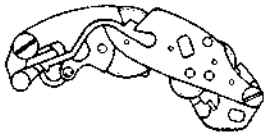
Lfd.Nr.	Teil Nr.:	Teilbenennung:
1		
		Änderung Nr. 8227 Change Nr. 8227
2	00496 - U583	Kupplungsfeder an Stelle v. 00476-U580 u. 00476-583.1
		coupling spring inst. of 00476-U580 and 00476-583.1
3	00410 - 579	Griffstückhülle
		actuation handle sleeve
4	00476 - 135	Kupplungsfederschr. 2 Stck. an Stelle v. 1 Stück
		coupling spring screw 2pcs. inst. of 1 pcs.
5		
		Änderung Nr. 8484 Change Nr. 8484
6	00475 - G49	Vorlaufwerk an Stelle v. 00375 - G49
		delayed action device inst. of 00375 - G49
7		
		Änderung Nr. 8497 Change Nr. 8497
8	00496 - U583.1	Kupplungsfeder an Stelle v. 00496 - U583
		coupling spring inst. of 00496 - U583
9		
		Änderung Nr. 8554 Change Nr. 8554
10	00476 - 587	Kupplungsfederschr. an Stelle v. 00476 - 135
		coupling spring screw inst. of 00476 - 135

Teil:

00496-U583

00410-579

00476-135



00475-G49

wird nur als Ganzes abgegeben
only complete assembly can be supplied

00496-U583.1

00476-587

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8227	2, 3, 4	28.1.58						
8484	6	26.3.58						
8497	8	21.8.59						
8554	10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00476

Geänderte Teile
Changed parts

Liste besteht aus Blatt ...
Blatt Nr. 3 | Gepr. ...
Gefertigt: 21.8.59 fe

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 8756 Change Nr. 8756		
2	00491 - U5	Irislamelle an Stelle v. 00375-U5	 00491-U5
		diaphragm blade inst. of 00375 - U5	
3			
	Änderung Nr. 8886 Change Nr. 8886		
4	00476 - 135	Kupplungsfederschr. an Stelle v. 00476 - 587	 00476-135
		coupling spring screw inst. of 00476 - 587	
5			
	Änderung Nr. 8993 Change Nr. 8993		
6	00346 - 465	Unterlegscheibe	 00346-465
		washer	
7			
	Änderung Nr. 9383 Change Nr. 9383		
8	00475 - 111	Kontakthebel an Stelle v. 00322-111	 00475-111
		contact lever inst. of 00322-111	
9			
	Änderung Nr. 9618 Change Nr. 9618		
10	00476 - U96.1	Spannhebel an Stelle v. 00476-U96	 00476-U96.1
		cocking lever inst. of 00476 - U96	

Änderungszustand dieses Blattes

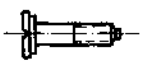
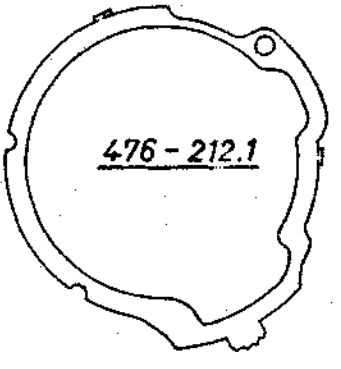
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8756	2	21.8.59	9618	10	21.8.59			
8886	4	" " "						
8993	6	" " "						
9383	8	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00476

Geänderte Teile
Changed parts

Liste besteht aus Blatt 4
Blatt Nr. 4 | Gepr.
Gefertigt: 22.9.60 fe.

Lfd. Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
	Änderung Nr. 129 Change Nr. 129		
2	491 - 443	Bef. Schr. f. Vlfw. lang an Stelle v. 375-443	 491-443
	fixing screw for	delayed action device long inst. of 375-443	
3			
	Änderung Nr. 175 Change Nr. 175		
4	X476 - U226	Kontakthebel an Stelle v. 345s15-U226	 X476-U226
		contact lever inst. of 345s15-U226	
5			
	Änderung Nr. 319 Change Nr. 319		
6	476 - U5	Irislamelle an Stelle v. 491-U5	 476-U5
		diaphragm blade inst. of 491-U5	
7			
	Änderung Nr. 475 Change Nr. 475		
8	555 - 119.1	Zeithebel an Stelle v. 375-119.1	 555-119.1
		B-lever inst. of 375-119.1	
9			
	Änderung Nr. 511 Change Nr. 511		
10	476 - 212.1	Umstellring an Stelle v. 476-212	 476-212.1
		synchro switch ring inst. of 476-212	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
129	2	22. 8. 60	511	10	16. 3. 61			
175	4	" " "						
319	6	" " "						
475	8	" " "						